

Product Program
Automotive Lubricants

2025

MOVING YOUR WORLD

LUBRICANTS.
TECHNOLOGY.
PEOPLE.

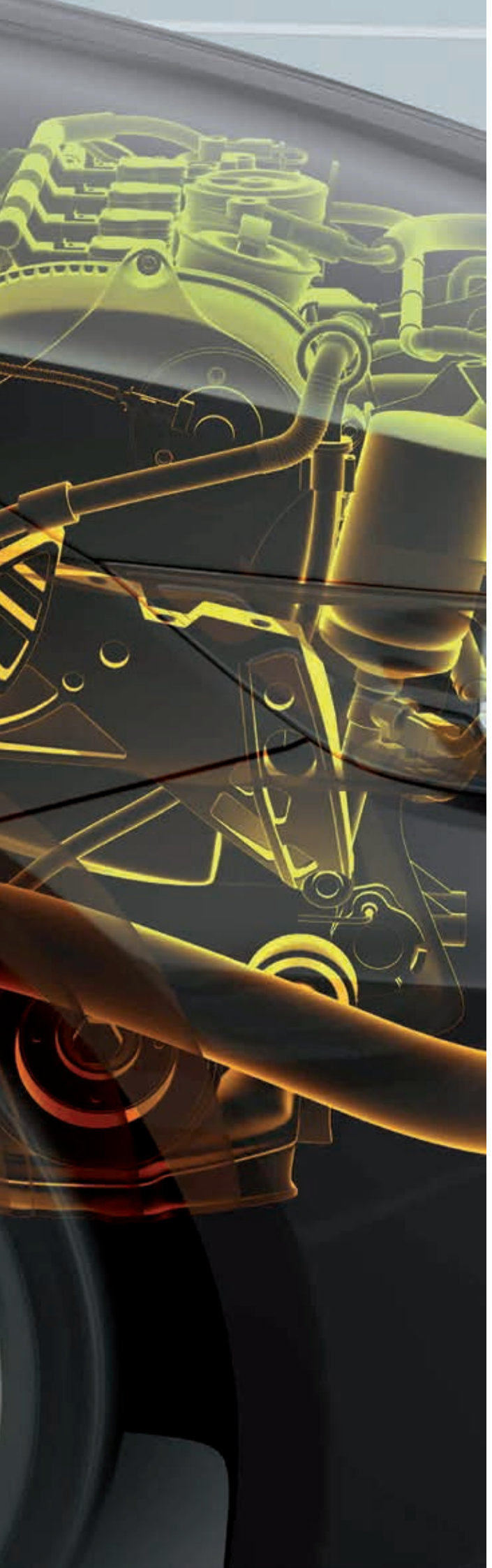
FUCHS



FUCHS LUBRICANTS GERMANY

We don't just develop lubricants. For highly complex challenges in a wide range of industries, we develop innovative lubricant solutions that enable the mobility of tomorrow. Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable. Today and tomorrow.

What can we move for you?



FUCHS LUBRICANTS GERMANY

Facts and figures

Company: FUCHS LUBRICANTS GERMANY GmbH, a company of the FUCHS Group
Locations: Mannheim, Dohna, Kaiserslautern, Kiel and Wedel; approx. 1,400 employees
Product range: A full range of more than 3,000 products for all application areas
Certifications i. a.: ISO 9001, IATF 16949, ISO 14001, ISO 45001, ISO 50001, ISO 21469, HALAL, KOSHER (detailed certifications at www.fuchs.com/de/en)
Gate-to-Gate* CO_2-compensated

FUCHS LUBRICANTS GERMANY is a subsidiary of FUCHS SE, the world's largest independent supplier of lubricant solutions. Around 1,400 specialists at the headquarters in Mannheim and the sites in Kaiserslautern, Wedel, Kiel and Dohna work with dedication on innovative lubricant solutions that enable the mobility of tomorrow.

The high level of technical consulting expertise combined with the largest, nationwide network of its own technical contacts makes FUCHS LUBRICANTS GERMANY a reliable local partner. A comprehensive product range, supplemented by digital offerings and Smart Services, as well as many years of lubricant expertise and a high level of research competence are the foundations for the innovative FUCHS lubricant solutions. They reduce wear and energy requirements, extend the running times and service life of machines, and thus keep the world moving - from industrial motors and e-cars to wind turbines and washing machines. FUCHS LUBRICANTS GERMANY is certified to a wide range of standards and, as a technology leader and development partner, places the highest demands on quality management.

Customers in all industries benefit from this quality management: automotive suppliers and OEM, mechanical engineering, metal processing, mining and exploration, aerospace, energy, construction and transport, agriculture and forestry, as well as the paper, steel, metal, cement, forging and food industries, but also qualified lubricant dealers, car dealerships, workshops, and semiconductors as well as medical technology.

MOVING YOUR WORLD

*Gate-to-Gate Scope includes GHG-Protocol Scope 1, 2 and selected Scope 3 emissions (water, waste, business travel, commuting)

The World of Automotive Lubricants

Engine Oils

TITAN



FUCHS engine oils are the result of modern research and development in close cooperation with the leading automobile manufacturers.
The large product range is specially tailored to the requirements of modern high-tech engines. Our engine oils offer optimum protection and maximum efficiency - for all vehicles and machines in construction, in logistics or in agriculture.

FUCHS offers a complete range of engine oils in the highest original equipment manufacturer quality.

Transmission Fluids

TITAN



To ensure smooth running throughout their entire service life, modern car transmissions need state-of-the-art, high-performance lubricants that protect the gearing from wear and considerably improve the ease with which gears are changed. Moreover, the extension of the replacement intervals right up to a lifetime filling increases the requirements placed on the quality of the oils. As a long-standing development partner of the world's leading gear manufacturers, we keep our finger on the pulse of the times. Stay on the safe side with the ultra-modern TITAN gear oils.

Service Products

FRICOFIN TITAN



The FUCHS range of workshop and service products is a comprehensive port-folio of coolants, brake fluids and fuel additives. These offer your vehicle optimum protection at all times – particularly in winter. Our service products match with nearly every vehicle type and offer the best possible protection com-bined with the latest technology.

PARTNER
des deutschen Kraftfahrzeuggewerbes

FUCHS consistently relies on the so-called European Engine Lubricant Quality Management System (EELQMS), a European quality management system for engine oils. In addition to our development and production within the framework of the automotive industry quality standard IATF 16949, the EELQMS quality seal stands for highest product quality.

EELQMS

Lubricants for E-Mobility

FUCHS BluEV



Our product line FUCHS BluEV offers a comprehensive portfolio of lubricants specifically developed for applications in hybrid and fully electric vehicles. The product line includes lubricants, which are directly used in electrified applications as well as for the manufacturing process. In our Automotive portfolio we offer Electric Driveline Fluids (EDF) for E-axles as well as Thermal Fluids (TF) for directly cooled E-motors, batteries and charging stations and Dedicated Hybrid Transmission Fluids (DHTF) for hybridized drivetrains.

Lubricants for Agricultural Machinery

AGRIFARM



FUCHS has been active in the agricultural lubricant market for more than 70 years, both as an OEM for machine manufacturers and in the field of workshop services. The latest innovative lubricants under the AGRIFARM brand secure maximum operational reliability of all agricultural units – from engines and transmissions, right through to hydraulics in all machines and vehicles. AGRIFARM lubricants have proved extremely successful even under the very toughest conditions and thereby offer the highest level of reliability for your vehicle fleet.

Motorcycle Lubricants

Silkolene



FUCHS offers more products that are specifically developed for the requirements of motorcycles and two-stroke engines than any other supplier on the market. Our new XP technology for motorized two-wheelers offers significantly reduced fuel and oil consumption, meets the highest API specifications and boosts performance with the Pro 4 and Comp 4 products.

Environmentally Friendly Lubricants

PLANTO

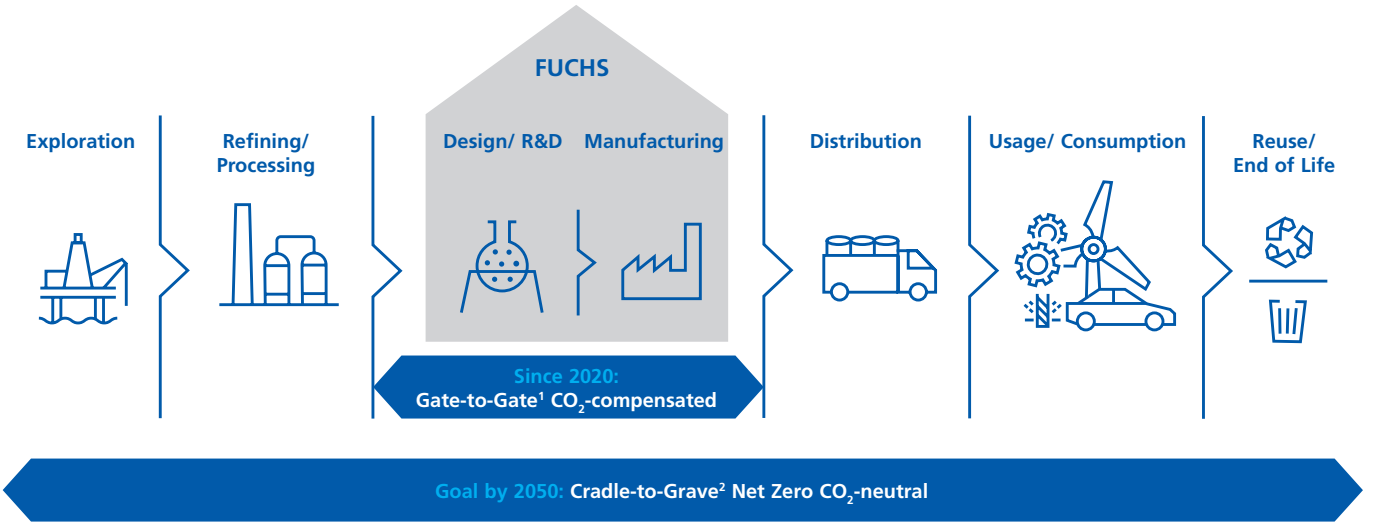


The dream of environmentally friendly lubricants is nothing new. Indeed, FUCHS was one of the first companies to enter the market with rapidly biodegradable lubricants back in the 70s. Since then, FUCHS has invested heavily in researching and further developing these lubricants. The reward for all this hard work: a priceless and unparalleled wealth of expertise and practical experience. Because one thing is certain: a good product alone is not enough. The user also needs competent advice when choosing the right product, switching over to rapidly biodegradable lubricants and for application.
It really pays off to have an expert partner by your side.

ACTIVE PLAYER FOR SUSTAINABILITY – The path to 2050

The FUCHS carbon-neutrality strategy is embedded in our sustainability strategy, which began in 2010 when we signed the „Code of Responsible Conduct for Business". In 2018 we joined the „Alliance for Development and Climate" led by the Federal Ministry for Economic Cooperation and Development.

At the same time, we initiated the foundation of a sustainability workgroup under the umbrella of the Union of the European Lubricants Industry (UEIL). Together, we develop harmonized sustainability standards, KPIs, and benchmarks to enable sustainability-based comparisons.



[1] Gate-to-Gate Scope includes GHG-Protocol Scope 1, 2 and selected Scope 3 emissions (water, waste, business travel, commuting) for all affiliates and JVs incl. compensation.
[2] Cradle-to-Grave Scope includes GHG-Protocol Scope 1, 2 and applicable Scope 3 emissions (3.1/2/3/4/5/6/7/12) for all subsidiaries and JVs.

FUCHS has already achieved its first milestone, and in 2021 it also for the first time extended the recording of its Corporate Carbon Footprint and offset to all joint ventures. To do this, all greenhouse gas emissions of FUCHS that are directly attributable to our business activities ("gate-to-gate") have been measured retroactively since 2019 and offset through investments in climate protection projects.
FUCHS restricts its choice of projects for this purpose to high-quality certifications such as UN Gold Standard or VERRA. In any case, compensation measures are only the last step undertaken once avoidance and reduction measures have met their limits. FUCHS is therefore continuously expanding the proportion of renewable energies that make up its power supply, with the aim of gradually sourcing its electricity worldwide from renewable sources.

→ More information about our path to climate neutrality

TIME TO ACT

Renewable, bio-based, recycled – on the way to a circular economy

Advanced Circular Technologies

ACT, Advanced Circular Technologies, answers the challenge to transform our value chain from linear to circular - without compromising on performance!

ACT sums up everything we do for this transformation process: staring with raw materials to the application of our lubricant solutions and up to recycling at the end of the life cycle.

TIME TO ACT: we gradually replace finite raw materials with renewable, bio-based or recycled ones. This also applies to our packs. As of 2024, our FUCHS small packs are made of 100% recycled materials.

Sustainability meets performance

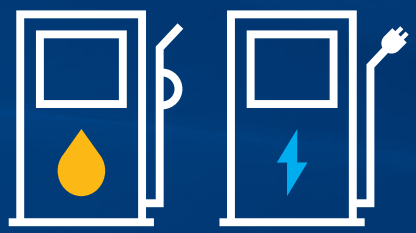
Selected products now based on ACT

- Selected FUCHS oils based on ACT product technologies now get a sustainability upgrade
- Your benefit: smaller Product Carbon Footprint and more sustainability as an add-on to the well-known outstanding FUCHS quality and performance
- ACT is driven by meticulous research and development, adding technical to environmental value



Always one step ahead. With BluEV Technology.

As a pioneer for the mobility of the future, we have developed over 10,000 lubricants for more than 90 years. With the brand TITAN, FUCHS has been represented in many electric and hybrid vehicles from leading premium manufacturers for a long time.



BluEV Technology stands for

- many years of experience and solid automotive know-how,
- performance, reliability and efficiency,
- advanced lubricant solutions.

BluEV Technology builds the bridge between existing and new products and their application in conventional vehicles with combustion engines as well as hybrid and electric vehicles.

We therefore offer a comprehensive range of lubricants for all automotive applications, including electric powertrains. So we can take the step into the mobility of the future together.

BluEV
TECHNOLOGY





Overview Products and Services

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Tank Truck | BULK | IBC | Drum | Hobbock | Canister | Bucket | Bottle



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Bottle | Tin | Cartridge | Tin | Spray Can | Tube



ENGINE OILS

TITAN engine oils are the result of the latest research and development by the world's largest independent lubricant specialist. Developed together with leading automobile manufacturers, tailored to satisfy the demands of today's high-tech engines:
offering outstanding high-performance, fuel-economy and wear protection.

TITAN engine oils: Premium quality from the German automobile industry's leading lubricant OEM.

Made in Germany.



Engine Oils

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Monograde Engine Oils for Construction Machinery	25-26
Gas Engine Oils for Stationary Gas Engines	27-28
2-Stroke Engine Oils	29

Engine Oils



Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN GT1 PRO GLV-1 SAE 0W-8 NEW BluEV TECHNOLOGY	Premium performance engine oil, ultra low viscosity, specially designed for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as TOYOTA.	JASO GLV-1	–	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 205 L (Drum), 1.000 L (IBC)			
TITAN GT1 FLEX 5 SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil. Specially designed for highly stressed downsized engines with maximum power output, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C6, C5 API SN PLUS RC API SP RC ILSAC GF-6A **FORD WSS-M2C954-A1**	BMW LONGLIFE-17 FE+ JAGUAR LAND ROVER STJLR.03.5006 MB-APPROVAL 229.71 MB-APPROVAL 229.72 OPEL OV0401547 – A20	CHRYSLER MS-12145 FIAT 9.55535-GSX FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5 JAGUAR LAND ROVER STJLR.51.5122 VOLVO VCC RBS0-2AE
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 FLEX 952 SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil specially designed for modern FORD vehicles, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C6, C5 API SN PLUS API SP FORD WSS-M2C952-A1	JAGUAR LAND ROVER STJLR.03.5006 MB-APPROVAL 229.71 OPEL OV0401547 – A20	FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN GT1 PRO F SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil specially designed for modern diesel FIAT vehicles, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C5 API SP	–	FIAT 9.55535-DM1/-DSX
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum)			
TITAN GT1 PRO V SAE 0W-20	Premium Performance engine oil in a novel viscosity grade. Specifically designed for modern VOLVO vehicles, for excellent fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation, and outstanding performance reserves.	ACEA C5 API SP	VOLVO VCC RBS0-2AE	ACEA A1/B1
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 LONGLIFE IV SAE 0W-20 BluEV TECHNOLOGY	Premium Performance Engine Oil in ground-breaking viscosity class. Specially designed for modern VW vehicles, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C5 FORD WSS-M2C956-A1	PORSCHE C20 VW 508 00/509 00	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 PRO RN17 FE SAE 0W-20	Premium Performance Engine Oil in ground-breaking viscosity class. Specially designed for modern Renault vehicles, for extreme fuel-economy characteristics and reduced CO_2 emissions. Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.	ACEA C5 API SN	RENAULT RN17 FE	–
	3 x 5 L (Bottle), 60 L (Drum)			
TITAN GT1 PRO 2010 SAE 0W-20 Advanced Circular Technologies	Premium Performance Engine Oil specially designed for modern PSA vehicles, for extreme fuel-economy characteristics and CO_2 savings thanks to the sustainable FUCHS Advanced Circular Technology (ACT). Excellent cold starting behaviour, very fast oil circulation and outstanding performance reserves.	ACEA C5 API SP	PSA B71 2010	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 FLEX C2 SAE 0W-30 BluEV TECHNOLOGY	Premium Performance engine oil for modern cars and vans. Especially developed for BMW and Mercedes-Benz vehicles with exhaust gas aftertreatment and turbochargers. Excellent Cold-Start properties, low oil consumption and reduced emissions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C2 ACEA A5/B5 API SP API SP RC ILSAC GF-6A FORD WSS-M2C950-A	BMW LONGLIFE-12 FE MB-APPROVAL 227.61 MB-APPROVAL 229.61	FIAT 9.55535-GS1 JAGUAR LAND ROVER STJLR.03.5007 **VWC 53035**
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN GT1 FLEX C3 SAE 0W-30 BluEV TECHNOLOGY	Premium Performance engine oil for modern cars and vans. Especially developed for BMW, VW, Porsche und Mercedes-Benz vehicles with exhaust gas aftertreatment and turbochargers. Excellent Cold-Start properties, low oil consumption and reduced emissions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as BMW, Mercedes-Benz or VW.	ACEA C3	BMW LONGLIFE-04 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 PORSCHE C30 VW 504 00/507 00	API SN **BMW LONGLIFE-19 FE** CHRYSLER MS-11106 FIAT 9.55535-S3 RENAULT RN0700/0710
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN LONGLIFE III SAE 0W-30	Premium Performance Engine Oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for VW vehicles with exhaust after treatment and turbocharger. Excellent cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C3	PORSCHE C30 VW 504 00/507 00	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 PRO 2312 SAE 0W-30	Premium Performance, fuel-economy engine oil for modern passenger cars and light commercial vehicles. Specially developed for latest PSA gasoline and diesel vehicles with exhaust after treatment and turbocharger. Excellent cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C2	PSA B71 2312	CHRYSLER MS-13340 CHRYSLER MS.90047 FIAT 9.55535-DS1/GS1 IVECO 18-1811 CLASSE SC1 LV IVECO 18-1811 CLASSE SC1 LV-16
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 FLEX C23 SAE 5W-30 BluEV TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil with optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as Audi or Mercedes-Benz.	ACEA C3, C2 API SP	BMW LONGLIFE-04 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 OPEL OV0401547 – D30 OPEL OV0401547 – G30	CHRYSLER MS-11106 FIAT 9.55535-S1 / -S3 GM-LL-A-025 GM-LL-B-025 IVECO 18-1811 CLASSE SC1 VW 505 00/505 01
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN GT1 PRO C-3 SAE 5W-30 BluEV TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil for optimum cold start ability and outstanding performance reserves. For modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for BMW, VW and Mercedes-Benz vehicles with exhaust after treatment and turbocharger. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C3 API SN	BMW LONGLIFE-04 MB-APPROVAL 229.51 PORSCHE C30 VW 504 00/507 00	CHRYSLER MS-11106 FIAT 9.55535-S3 MB 229.52 **RENAULT RN0700/0710**
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GT1 FLEX 34 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially for engines with exhaust after treatment and turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	ACEA C4, C3	MB-APPROVAL 226.51 MB-APPROVAL 229.51 RENAULT RN0720	FIAT 9.55535-S4
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN GT1 FLEX FR SAE 5W-30 BluEV TECHNOLOGY	Premium Performance, extreme fuel-economy engine oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for PSA and RENAULT vehicles with exhaust after treatment and turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	ACEA C3, C2 API SP	MB-APPROVAL 226.52 MB-APPROVAL 229.51 MB-APPROVAL 229.52 PSA B71 2290 RENAULT RN17	FIAT 9.55535-S1 RENAULT RN0700/0710 MB 229.31
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN GT1 PRO FPW03 SAE 5W-30 NEW	Premium Performance engine oil for passenger cars and light commercial vehicles, specially developed for Stellantis engines requiring the new specification FPW9.55535/03. Optimum cold starting, reduced oil consumption, and minimised exhaust emissions.	ACEA C3 API SN PLUS	–	STELLANTIS FPW9.55535/03 PSA B71 2290 PSA B71 2297
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN GT1 PRO C-1 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil for modern passenger cars and light commercial vehicles with or without extended service intervals. Specially developed for vehicles with exhaust after treatment and turbocharger. Optimum cold starting, lower oil consumption and minimized exhaust emissions.	–	JAGUAR LAND ROVER STJLR.03.5005	ACEA C1 JASO DL-1 FORD WSS-M2C934-B
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 205 L (Drum)			
TITAN GT1 FLEX 3 SAE 5W-40	Premium Performance engine oil. Optimum cold starting, reduced oil consumption, and minimised exhaust emissions. For modern passenger cars and light commercial vehicles with or without extended oil drain intervals. Especially developed for vehicles with exhaust aftertreatment and turbocharger.	ACEA C3 API SN	BMW LONGLIFE-04 MB-APPROVAL 229.31 MB-APPROVAL 229.51 MB-APPROVAL 229.52 PORSCHE C40 RENAULT RN0700/ RN0710 VW 511 00	API CF CHRYSLER MS-10725 FIAT 9.55535-GH2 FIAT 9.55535-S2 FIAT 9.55535-T2 FORD WSS-M2C917-A MB 226.5 VW 505 00/505 01
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN SUPERSYN LONGLIFE PLUS SAE 0W-30	Ultra High Performance, extreme fuel-economy engine oil formulated with fully synthetic base oil for VW engines. Specially developed for VW Longlife Technology. For all passenger car gasoline and diesel engines with or without pump injector technology. Excellent cold starting and lower oil consumption.	–	VW 506 01	VW 503 00/506 00
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 1.000 L (IBC)			
TITAN SUPERSYN LONGLIFE SAE 0W-30	Ultra High Performance, extreme fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting and lower oil consumption.	ACEA A3/B4 API SL	–	MB 229.5 VW 502 00/505 00
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister)			
TITAN SUPERSYN LONGLIFE SAE 0W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting and lower oil consumption.	ACEA A3/B4 API SP API SN	MB-APPROVAL 229.5 VW 502 00/505 00	BMW LONGLIFE-01 FORD WSS-M2C937-A MB 229.3 MB 226.5 RENAULT RN0700/RN0710
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN SUPERSYN LONGLIFE SAE 5W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Optimum cold starting and lower oil consumption.	ACEA A3/B4 API SP	BMW LONGLIFE-01 MB-APPROVAL 229.5 PORSCHE A40 PSA B71 2296 RENAULT RN0700/RN0710 VW 502 00/505 00	CHRYSLER MS-12991 FIAT 9.55535-H2/M2/N2/Z2 MB 226.5
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERSYN FE SAE 0W-30	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Excellent cold starting properties and low oil consumption.	ACEA A5/B5 API SL	VOLVO VCC 95200377	RENAULT RN0700
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN SUPERSYN F ECO-FE SAE 0W-30	Ultra High Performance, extreme fuel-economy engine oil especially developed for modern Ford Diesel engines. Excellent cold starting and lower oil consumption.	ACEA C2 FORD WSS-M2C950-A	JAGUAR LAND ROVER STJLR.03.5007	**VWC 53035**
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERSYN F ECO-B SAE 5W-20	Ultra High Performance, extreme fuel-economy engine oil especially developed for Ford Eco-Boost gasoline engines. Optimum cold starting and lower oil consumption.	ACEA C5 API SN FORD WSS-M2C948-B	JAGUAR LAND ROVER STJLR.03.5004	ACEA A1/B1 CHRYSLER MS 6395 FIAT 9.55535-CR1 FORD WSS-M2C925-A FORD WSS-M2C925-B FORD WSS-M2C945-A ILSAC GF-5
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN SUPERSYN F ECO-DT SAE 5W-30	Ultra High Performance, extreme fuel-economy engine oil especially suitable for Ford DuraTorq-Diesel engines. Optimum cold starting and lower oil consumption.	ACEA A5/B5 API SL FORD WSS-M2C913-D	JAGUAR LAND ROVER STJLR.03.5003	ACEA A1/B1 API CF CHRYSLER MS 6395 FORD WSS-M2C913-A FORD WSS-M2C913-B FORD WSS-M2C913-C IVECO 18-1811 CLASSE S1/S2 JAGUAR M2C913-B RENAULT RN0700 **VWC 53036**
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERSYN D1 SAE 0W-20	Ultra High Performance engine oil offering excellent fuel economy, specifically developed for General Motors petrol engines requiring dexos1™ Gen 3 fluid. Optimum cold start properties and ageing stability for a very good fuel economy throughout the drain interval.	API SN PLUS RC API SP RC ILSAC GF-6A	dexos1™ Gen 3 (D335BDDH075)	CHRYSLER MS 6395 CHRYSLER MS-12145 FIAT 9.55535-CR1 FIAT 9.55535-GSX FORD WSS-M2C947-A FORD WSS-M2C947-B1 FORD WSS-M2C962-A1 ILSAC GF-5
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 205 L (Drum), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

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Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars				
TITAN SUPERSYN D1 SAE 5W-30	Ultra High Performance engine oil offering excellent fuel economy, specifically developed for General Motors petrol engines requiring dexos1™ Gen 3 fluid. Optimum cold start properties and ageing stability for a very good fuel economy throughout the drain interval.	API SN PLUS RC API SP RC ILSAC GF-6A	dexos1™ Gen 3 (D335ABDF075)	FORD WSS-M2C929-A FORD WSS-M2C946-A FORD WSS-M2C946-B1 FORD WSS-M2C961-A1 FIAT 9.55535-CR1 CHRYSLER MS 6395 GM 6094M GM 4718M ILSAC GF-5 **VWC 53034**
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERSYN D2 SAE 5W-30	Ultra High Performance, extreme fuel-economy engine oil, specially developed for vehicles requiring dexos2™-fluid. Optimum cold starting, lower oil consumption and minimised exhaust emissions.	ACEA C3 API SM	dexos2™ (GB2C0308075)	GM-LL-A-025 GM-LL-B-025
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERSYN SAE 5W-30	Ultra High Performance, extreme fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Optimum cold starting and lower oil consumption.	ACEA A3/B4 API SL	MB-APPROVAL 229.3 RENAULT RN0700/RN0710 VW 502 00/505 00	API CF BMW LONGLIFE-98 GM-LL-A-025 GM-LL-B-025
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum)			
TITAN SUPERSYN SAE 5W-40	Ultra High Performance, fuel-economy engine oil for a variety of vehicles with or without extended service intervals. Optimum cold starting and lower oil consumption.	ACEA A3/B4 API SN/SM	MB-APPROVAL 229.3 RENAULT RN0700/RN0710 VW 502 00/505 00	API CF BMW LONGLIFE-98 CHRYSLER MS-12991 FIAT 9.55535-H2/M2/N2/Z2 GM-LL-A-025 GM-LL-B-025
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SYN MC SAE 10W-40	Ultra High Performance, fuel-economy engine oil based on MC-synthesis for a variety of gasoline and diesel engines in passenger cars. Lower oil consumption.	ACEA A3/B4 API SN	MB-APPROVAL 229.3 RENAULT RN0700/RN0710 VW 501 01/505 00	API CF FIAT 9.55535-D2/G2 MB 229.1 PSA B71 2300
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN FORMULA SAE 15W-40 Advanced Circular Technologies	High Performance engine oil based on sustainable FUCHS Advanced Circular Technology (ACT). Suitable for all naturally-aspirated and turbocharged petrol and diesel engines in passenger cars operated under normal conditions.	–	–	ACEA A3/B3 API CG-4/SL FIAT 9.55535-D2/G2 MB 229.1 PSA B71 2295 VW 501 01/505 00
	205 L (Drum)			
TITAN FORMULA SAE 20W-50	High performance engine oil, specially developed for gasoline or diesel engines, with or without a supercharger.	API SL/CG-4	–	ACEA A3/B3 MB 229.1
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum)			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Passenger Cars and Commercial Vehicles				
TITAN UNIMAX ULTRA MC SAE 10W-40 Advanced Circular Technologies	Ultra High Performance engine oil based on the FUCHS Advanced Circular Technologies (ACT) for all commercial vehicles, off-highway equipment, and passenger cars. Improved cold starting and reduced oil consumption. Substantial rationalisation opportunities for mixed fleets.	ACEA E7, A3/B4 API CI-4 GLOBAL DHD-1 JASO DH-1	DEUTZ DQC III-18 DTFR 15B110 (MB 228.3) MACK EO-N MTU DDC TYPE 2 RENAULT RLD/RLD-2 VOLVO VDS-3	ACEA A3/B3 ALLISON C-4 CAT ECF-2 CUMMINS CES 20071/2/6/7/8 DETROIT DIESEL 93K215 DTFR 13D100 (MB 235.27) MAN M 3275-1 MB 229.1 VOITH-RETARDER „A“ VW 500 00/501 01/505 00
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN UNIMAX PLUS MC SAE 10W-40 Advanced Circular Technologies	Ultra High Performance engine oil based on the FUCHS Advanced Circular Technologies (ACT) for all commercial vehicles, off-highway equipment, and passenger cars. Improved cold starting and reduced oil consumption. Substantial rationalisation opportunities for mixed fleets.	ACEA E7 API CI-4	DEUTZ DQC III-18 DTFR 15B110 (MB 228.3) MTU DDC TYPE 2 RENAULT RLD/RLD-2 VOLVO VDS-3	ACEA A3/B3 ALLISON C-4 CUMMINS CES 20071/2/6/7 DTFR 13D100 (MB 235.27) MACK EO-M PLUS MAN M 3275-1 MB 229.1 VOITH-RETARDER „A“
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN UNIVERSAL HD SAE 15W-40 Advanced Circular Technologies	High Performance Engine Oil based on the sustainable FUCHS Advanced Circular Technology (ACT). Substantial rationalisation opportunities for mixed fleets.	CAT ECF-2	**DEUTZ DQC III-18** **DTFR 15B110 (MB 228.3)** MACK EO-N MTU DDC TYPE 2 RENAULT RLD-2 VOLVO VDS-3	ACEA E7, E2 ACEA A3/B3 ALLISON C-4 API SL API CI-4 MAN M 3275-1 (level) MB 229.1 MIL-L-2104 E CASE MS 1120 NH 330G STEYR A-202 VW 501 01/505 00
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

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Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Commercial Vehicles				
TITAN CARGO MAXX II SAE 5W-30	Premium MAXX Performance Engine Oil. Especially developed for vehicles with exhaust aftertreatment and turbo-charger. Optimum cold start properties and ageing stability for a very good fuel economy throughout the drain interval.	ACEA E11, E8, E7, E4 API CK-4/CJ-4 CAT ECF-3 JASO DH-1/DH-2/ DL-0	CUMMINS CES 20081 CUMMINS CES 20086 DETROIT DIESEL 93K222 DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) DTFR 15C120 (MB 228.52) MACK EOS-4.5 MAN M 3677 MAN M 3775 MAN M 3777 MTU DDC TYPE 2.1 MTU DDC TYPE 3.1 RENAULT RLD-3 SCANIA LDF-4 VOLVO VDS-4.5	ACEA E9, E6 **DAF PSQL 2.1E-LD** DETROIT DIESEL 93K218 IVECO 18-1804 CLASSE TLS E6 LIEBHERR LH-00-ENG LA MAN M 3271-1 MAN M 3477 MAN M 3575 RENAULT RLD-4 SCANIA LA
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO MAXX SAE 10W-30	Premium MAXX Performance Engine Oil specially developed for vehicles with modern exhaust after treatment and turbocharger. Good cold starting properties and excellent ageing stability for fuel-economy over the whole drain-interval.	ACEA E11, E7 API CK-4/SN CAT ECF-3	DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) MACK EOS-4.5 MAN M 3677 MTU DDC TYPE 3.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9, E6 CUMMINS CES 20086 **DAF PSQL 2.1E-LD** DETROIT DIESEL 93K218 DETROIT DIESEL 93K222 JASO DH-2 MAN M 3477 RENAULT RLD-4 SCANIA LA
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Commercial Vehicles				
TITAN CARGO MAXX II SAE 10W-40	Premium MAXX Performance Engine Oil. Especially developed for vehicles with exhaust aftertreatment and turbocharger. Good cold start properties and excellent ageing stability for fuel economy throughout the drain interval.	ACEA E11, E8, E7, E4 API CK-4/CJ-4 CAT ECF-3 JJASO DH-1/DH-2/ DL-0	CUMMINS CES 20081 CUMMINS CES 20086 DETROIT DIESEL 93K222 DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) DTFR 15C120 (MB 228.52) MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 2.1 MTU DDC TYPE 3.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9, E6 DETROIT DIESEL 93K218 IVECO 18-1804 CLASSE TLS E9 IVECO 18-1809 CLASSE NG2 LIEBHERR LH-00-ENG LA MAN M 3271-1 MAN M 3477 MAN M 3575 RENAULT RLD-4 SCANIA LA VOITH-RETARDER „B“
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO FLEX LD SAE 5W-30	Premium Performance, extreme fuel-economy engine oil, specially developed for commercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption.	ACEA E11, E8, E7 API CK-4/SN CAT ECF-3 FORD WSS-M2C213-A1 JASO DH-2	DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) MACK EOS-4.5 MAN M 3677 MAN M 3775 MTU DDC TYPE 3.1 RENAULT RLD-3 SCANIA LDF-4 VOLVO VDS 4.5	ACEA E9, E6 CUMMINS CES 20086 **DAF PSQL 2.1E-LD** DETROIT DIESEL 93K222 IVECO 18-1804 TLS E6 MAN M 3271-1/3477/3575 RENAULT RLD-4
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO FLEX LD SAE 10W-40	Premium Performance, extreme fuel-economy engine oil, specially developed for commercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption.	ACEA E11, E8, E7 API CK-4/SN CAT ECF-3 JASO DH-2	DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 3.1 RENAULT RLD-3 VOLVO VDS 4.5	ACEA E9, E6 CUMMINS CES 20086 DETROIT DIESEL 93K222 IVECO 18-1804 TLS E9 MAN M 3477/3575 RENAULT RLD-4 SCANIA LA
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO SL SAE 5W-30	Premium Performance, extreme fuel-economy engine oil for a variety of commercial vehicle diesel engines, with optimum cold starting and lower oil consumption. Specially developed for extended service intervals.	ACEA E7, E4 FORD WSS-M2C212-A1	DEUTZ DQC IV-18 DTFR 15B120 (MB 228.5) DTFR 13D110 (MB 235.28) MACK EO-N MAN M 3277 MTU DDC TYPE 3 RENAULT RXD/RLD-2 SCANIA LDF-3 VOITH-RETARDER „B“ VOLVO VDS-3	CUMMINS CES 20077 IVECO 18-1804 CLASSE TFE SCANIA LDF-2
	20 L (Canister), 205 L (Drum)			
TITAN CARGO FLEX K-4 SAE 5W-30	Premium Performance, extreme fuel-economy engine oil, specially developed for commercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption.	ACEA E11, E8, E7 API CK-4 CAT ECF-3 JASO DH-2	DEUTZ DQC IV-18 LA DTFR 15C110 (MB 228.51) MACK EOS-4.5 RENAULT RLD-3 VOLVO VDS 4.5	ACEA E9, E6 CUMMINS CES 20086 DETROIT DIESEL 93K222 IVECO 18-1804 TLS E9
	20 L (Canister), 205 L (Drum), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

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Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Commercial Vehicles				
TITAN CARGO FLEX K-4 SAE 10W-40	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicles with modern exhaust after treatment systems and turbocharger. Offers good cold starting and lower oil consumption.	ACEA E11, E8, E7 API CK-4 CAT ECF-3	DETROIT DIESEL 93K222 DEUTZ DQC IV-18 LA DTFR 15C110 (MB 228.51) MACK EOS-4.5 MAN M 3775 RENAULT RLD-3 VOLVO VDS 4.5	ACEA E9, E6 CUMMINS CES 20086
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO FLEX A-4 SAE 5W-30 ***NEW***	Premium Performance, extreme fuel-economy engine oil. Specially developed for commercial vehicles with modern exhaust after treatment systems. Suitable for Euro VI engines. Offers good cold starting and lower oil consumption.	API FA-4	DTFR 15C130 (MB 228.61) VOLVO VDS-5	CUMMINS CES 20087 DETROIT DIESEL 93K223 FORD WSS-M2C214-B1 MACK EOS-5 RENAULT RLD-5
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO PRO 15C140 SAE 0W-20 ***NEW***	Premium Performance, extremely fuel-economy engine oil. Specially developed for latest Daimler Truck commercial vehicle engines with modern exhaust after treatment systems. Offers good cold starting properties and lower oil consumption.	–	DTFR 15C140 (MB 228.71)	–
	20 L (Canister), 205 L (Drum)			
TITAN CARGO PRO T SAE 5W-20	Premium Performance, extremely fuel-economy engine oil. Specially developed for MAN and SCANIA Euro VI-d commercial vehicle engines with modern exhaust after treatment systems. Offers good cold starting properties and lower oil consumption.	–	MAN M 3977 SCANIA LDF-5	–
	20 L (Canister), 205 L (Drum), Tank Truck			
TITAN CARGO LD3 EVO SAE 10W-40	Premium Performance, fuel-economy engine oil for use in Scania Euro VI vehicles. Specially developed for extended service intervals.	ACEA E7, E4	DEUTZ DQC IV-18 DTFR 15B120 (MB 228.5) MACK EO-N MAN M 3277 MTU DDC TYPE 3 RENAULT RLD-2 SCANIA LDF-3 VOLVO VDS-3	API CF CUMMINS CES 20077 DAF Extended Drain Interval SCANIA LDF-2
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO MC SAE 10W-40	Premium Performance, fuel-economy engine oil based on MC-synthesis for a variety of commercial vehicle diesel engines. Specially developed for extended service intervals. Good cold starting and lower oil consumption.	ACEA E7, E4 API CI-4 GLOBAL DHD-1 JASO DH-1	CUMMINS CES 20077/8 DETROIT DIESEL 93K215 DEUTZ DQC III-18 DTFR 15B120 (MB 228.5) MACK EO-N MAN M 3277 MTU DDC TYPE 3 RENAULT RLD-2 VOLVO VDS-3	ALLISON C-4 FORD WSS-M2C944-A IVECO 18-1804 SDFG OM-1901A
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Engine Oils for Commercial Vehicles				
TITAN CARGO SAE 5W-40	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E11 API CK-4/CJ-4/SN CAT ECF-3	CUMMINS CES 20086 DEUTZ DQC III-18 LA DTFR 15C100 (MB 228.31) FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9 DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4
	20 L (Canister), 205 L (Drum)			
TITAN CARGO SAE 10W-30	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E11, E7 API CK-4/CJ-4 CAT ECF-3 JASO DH-2	CUMMINS CES 20086 DEUTZ DQC III-18 LA DTFR 15C100 (MB 228.31) FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9 DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4
	3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CARGO SAE 10W-40	Premium Performance, fuel-economy engine oil, specially developed for commercial vehicle diesel engines with extended service intervals, exhaust after treatment and turbocharger.	ACEA E11, E7 API CK-4/CJ-4/SN CAT ECF-3 JASO DH-2	DEUTZ DQC III-18 LA DTFR 15C100 (MB 228.31) MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9 CUMMINS CES 20086 CNH MAT 3571 DETROIT DIESEL 93K222 MAN M 3575 RENAULT RLD-4
	3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum)			
TITAN CARGO SAE 15W-40	Premium Performance, fuel-economy engine oil for a variety of commercial vehicle diesel engines. Specially developed for vehicles with extended service intervals, exhaust after treatment and turbocharger.	ACEA E11, E7 API CK-4/CJ-4/SN CAT ECF-3 JASO DH-2	ALLISON TES-439 (439-34862020) CUMMINS CES 20086 DETROIT DIESEL 93K222 DEUTZ DQC III-18 LA DTFR 15C100 (MB 228.31) FORD M2C171-F1 MACK EOS-4.5 MAN M 3775 MTU DDC TYPE 2.1 RENAULT RLD-3 VOLVO VDS-4.5	ACEA E9 MAN M 3575 RENAULT RLD-4
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN TRUCK PLUS SAE 15W-40 Advanced Circular Technologies	Ultra High Performance engine oil based on the sustainable FUCHS Advanced Circular Technology (ACT) for a variety of diesel and petrol engines. Specially for highly loaded commercial vehicle diesel engines. Low oil consumption.	ACEA E7 API CI-4/SL GLOBAL DHD-1 JASO DH-1 CAT ECF-1a / ECF-2	CUMMINS CES 20076/7/8 DEUTZ DQC III-18 MACK EO-N DETROIT DIESEL 93K215 DTFR 15B110 (MB 228.3) MTU DDC TYPE 2 RENAULT RLD/RLD-2 VOLVO VDS-3	ALLISON C-4 CAT TO-2 CUMMINS CES 20071/2 IVECO 18-1804 CLASSE T2 E7 MAN M 3275-1
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN TRUCK PLUS SAE 20W-50	Ultra High Performance Engine Oil for a variety of diesel and gasoline engines. Specially for highly-loaded commercial vehicle diesel engines. Lower oil consumption.	ACEA E7 API CI-4/SL GLOBAL DHD-1 CAT ECF-1-a/ECF-2	DTFR 15B110 (MB 228.3)	MAN M 3275-1
	3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum)			

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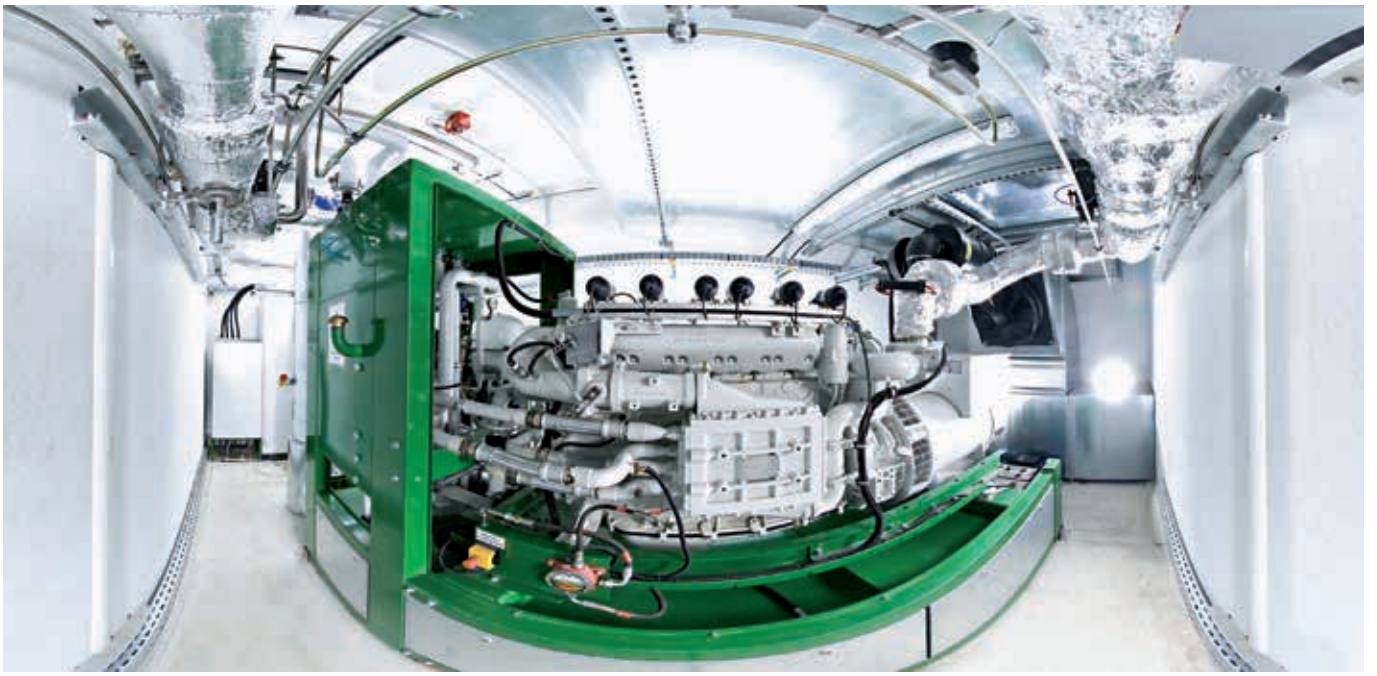


Product name	Description	Specifications	Approvals	FUCHS Recommendations
Monograde Engine Oils for Construction Machinery				
TITAN UNIVERSAL HD SAE 10W	High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.	–	ZF TE-ML 03B (ZF002013)	ACEA E2 API CF-4/SG MAN 270 MIL-L-2104 D ALLISON C-4 CAT TO-2 MB 228.0 ZF TE-ML 02C
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN UNIVERSAL HD SAE 20W-20	High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.	–	MB-APPROVAL 235.27 VOITH-RETARDER „A"	ACEA E2 API CF-4/SG MIL-L-2104 D ALLISON C-4 CAT TO-2 MAN 270 MB 228.0 ZF TE-ML 02C
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN UNIVERSAL HD SAE 30	High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.	–	DEUTZ DQC I-02 MTU DDC TYPE 2 ZF TE-ML 04B (ZF001189)	ACEA E2 API CF-4/SG MIL-L-2104 D ALLISON C-4 CAT TO-2 MAN 270 MB 228.2 ZF TE-ML 02C
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Engine Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Monograde Engine Oils for Construction Machinery				
TITAN UNIVERSAL HD SAE 40	High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.	–	DEUTZ DQC I-02 DTFR 13B120 (MB 235.12) MTU DDC TYPE 2 ZF TE-ML 04B (ZF001190)	ACEA E2 API CF-2/CF-4/SG MB 228.2 MIL-L-2104 D ALLISON C-4 CAT TO-2 MAN 270 ZF TE-ML 02C
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN UNIVERSAL HD SAE 50	High Performance Monograde Engine Oil for gasoline and diesel engines. Specially developed for off-road vehicles. Depending upon manufacturer regulation also in other aggregates applicable.	–	DEUTZ DQC I-02 MAN M 3275-2	ACEA E2 API CF-4/SG MIL-L-2104 D ALLISON C-4 CAT TO-2 MB 228.0 ZF TE-ML 02C
	20 L (Canister), 205 L (Drum)			
TITAN UNIVERSAL HD SAE 30 MTU	High Performance dedicated break in engine oil for MTU diesel and gas engines, developed to improve operating characteristics with enhanced corrosion protection.	–	MTU DDC TYPE 2	–
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			

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Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
Gas Engine Oils for Stationary Gas Engines				
TITAN GANYMET ULTRA	Premium Performance Engine Oil, zinc-free, for stationary gas engines.	–	2G TA-003 agenitor series 2,3 AGROGEN CATERPILLAR TR 0199-99-12105 INNIO JENBACHER TA 1000-1109 - A, CAT: series 2, 3, 4 (A, B), 6 (C, E) - B, CAT: series 2, 3, 4 (A, B), 6 (C, E) MAN M 3271-4 MTU Onsite Energy Series 400 (E, P, B with SRK), Series 4000 (L32FB, L62FB) MWM TR 0199-99-2105 SEVA TRS-07 SPANNER RE^2 TEDOM 61-0-0281.1/L, B, S	–
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GANYMET ULTRA LA	Premium Performance Engine Oil for stationary gas engines.	–	**CATERPILLAR TR 0199-99-12105** **Bergen Engines B36:45, B35:40, C26:33 and K-series** DEUTZ TR 0199-99-01213 INNIO JENBACHER TA 1000-1109 Class A: series 2, 3, 4 (all versions), 6 (all versions incl. Steel piston gas engines versions F and J (J624)) MAN ES 4-Stroke Medium Speed Engines **MWM TR 0199-99-2105**	CATERPILLAR Series 3500 INNIO WAUKESHA
	205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GANYMET PLUS	Ultra High Performance Engine Oil, zinc-free, for stationary gas engines.	–	CATERPILLAR TR 0199-99-12105 DREYER & BOSSE INNIO JENBACHER TA 1000-1109 - B: series 2, 3 MTU Onsite Energy Series 400 (B) MWM TR 0199-99-2105 SEVA TRS-07	–
	205 L (Drum), 1.000 L (IBC), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

Engine Oils

Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
		Gas Engine Oils for Stationary Gas Engines		
TITAN GANYMET PLUS LA	Ultra High Performance Engine Oil with low sulphated ash content, zinc-free, for stationary gas engines.	–	CATERPILLAR TR 0199-99-12105 DEUTZ TR 0199-99-01213 MWM TR 0199-99-2105 SEVA TRS-07 TEDOM 61-0-0281.1/G, P	CATERPILLAR CUMMINS WAUKESHA
	205 L (Drum), Tank Truck			
TITAN GANYMET PRO MA	Ultra High Performance Engine Oil for stationary gas engines.	–	CATERPILLAR TR 0199-99-12105 INNIO JENBACHER TA 1000-1109 - B, C: series 2, 3, 4 (A, B), 6 (C, E) MAN M 3271-4 MAN M 3271-5 MWM TR 0199-99-2105	CATERPILLAR (special gas)
	205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GANYMET PRO 4000	Ultra High Performance Engine Oil with low sulphated ash content for stationary gas engines. Specially developed for MTU Series 4000 gas engines.	–	Bergen Engines B36:45, B35:40, **C26:33 and K-series** **CATERPILLAR TR 0199-99-12105** MTU Series 4000 (L64) MWM TR 0199-99-2105	–
	205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GANYMET PRO LA	Ultra High Performance Engine Oil with low sulphated ash content for stationary gas engines.	–	CATERPILLAR TR 0199-99-12105 INNIO JENBACHER TA 1000-1109 - A: series 2, 3, 4 (A, B), 6 (C, E) MAN M 3271-2 MWM TR 0199-99-2105 ROLLS-ROYCE BERGEN B35:40, C26:33, K-G1, -G2, -G3, -G4 WÄRTSILÄ GAS ENGINES 20DF, 31DF, 32DF, 34DF, 46DF, 50DF, 25SG, 28SG, 31SG, 34SG, 50SG, 34LPG, 175SG, 220SG	CATERPILLAR CUMMINS INNIO JENBACHER - B: series 2, 3, 4 (A, B), 6 (C, E) WAUKESHA
	205 L (Drum), 1.000 L (IBC), Tank Truck			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

TITAN



Product name	Description	Specifications	Approvals	FUCHS Recommendations
		2-Stroke Engine Oils		
TITAN 2T ULTRA	Premium Performance two-stroke engine oil for Autolube and Premix systems formulated with high quality base oils. Product dyeing: blue.	API TC JASO FD ISO L-EGD	–	HVA 346 HVA 372
	12 x 1 L (Bottle), 20 L (Canister), 1.000 L (IBC)			
TITAN 2T S	Ultra High Performance two-stroke engine oil. Mixes rapidly. Suitable for Autolube as well as Premix systems. Product dyeing: blue.	API TC JASO FC ISO L-EGC	–	–
	12 x 1 L (Bottle), 20 L (Canister)			



TRANSMISSION FLUIDS

Modern passenger car transmissions require modern high-performance lubricants for smooth operation over the entire service life, which protect the transmission from wear and tear and significantly improve the shifting comfort. The extension of the change intervals up to a lifetime filling also increases the demands on the quality of the oils.

As a long-standing development partner of the world's leading transmission manufacturers, we offer you the latest approvals and specifications.

Place your trust in quality and reliability. Place your trust in FUCHS



Transmission Fluids

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Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars				
TITAN SINTOFLUID FE SAE 75W BluEV TECHNOLOGY	Premium Performance Manual Transmission Fluid offering increased efficiency in passenger cars due to its low viscosity and can be used in reducer gearboxes. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers.	API GL-4	MB-APPROVAL 235.17	FIAT 9.55550-MZ2 FORD WSS-M2C200-D2 GMW17594 MB 235.73 **PSA B71 2316** VW G 055 512 VW TL 521 71 (G 052 171 A1/A2) VW TL 521 78 (G 052 178 A2) VW TL 525 12 (G 052 512 A2) VW TL 525 27 (G 052 527 A2) VW TL 726 (G 052 726 A2/ G 055 726 A2/ G 060 726 A2/ G 070 726 A2)
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN SINTOFLUID SAE 75W-80	Premium Performance Manual Transmission Fluid for passenger cars. Offering good gearbox efficiency. Suitable as fill for life fluid according to manufacturer.	API GL-4	–	BMW 83 22 0 309 031 BMW 83 22 0 403 247 BMW 83 22 2 339 219 BMW 83 22 7 533 818 BMW 2300 1434 404 BMW 2300 7533 513 BMW 2300 7533 818 FORD WSS-M2C200 C3 OPEL 19 40 182 OPEL 19 40 757 OPEL 19 40 768 OPEL 19 40 776 VOLVO 97308 VW 501 50 (G 005 000 05/ G 005 000/G 005 000 20/ G 052 911 A1/A2)
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN SINTOPOID FE SAE 75W-85	Premium Performance fuel-economy passenger car axle fluid offering increased gearbox efficiency in passenger cars due to low viscosity level. Reduces fuel consumption and offers best properties at low temperature. Suitable as fill for life fluid according to manufacturer.	API GL-5	MB-APPROVAL 235.7 MB-APPROVAL 235.74 MB-APPROVAL 239.72 ZF TE-ML 18 (ZF002195)	MB 239.71 VW TL 521 45-X (G 052 145 A1) VW TL 521 90 (G 052 190 A2/ G 055 190 A2)
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN SINTOPOID 4218 SAE 70W-80 BluEV TECHNOLOGY	Premium Performance Axle Gear Oil passenger cars incl. high-offset hypoid drives offering good gearbox efficiency. Suitable as fill for life fluid according to the manufacturer. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	API GL-5	BMW G3 (BMW 83 22 2 413 512) BMW 83 22 2 460 180 BMW 83 22 2 471 423	–
	12 x 1 L (Bottle)			
TITAN SINTOPOID SAE 75W-90	Premium Performance Axle Gear Oil for passenger cars, also for high-offset hypoid drives offering good gearbox efficiency. Suitable as fill for life fluid according to manufacturer.	API GL-5	–	MIL-L-2105 D VW TL 521 45-Y (G 052 145 A2)
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars				
TITAN SINTOPOID LS SAE 75W-90	Premium Performance, fully-synthetic multi-functional gear oil, formulated with fully-synthetic base oils. Suitable for axles and transfer gear-boxes with or without self-locking differentials and also as trouble shooter for conventional manual transmissions.	API GL-4/-5/-5 incl. LS	–	FORD WSS-M2C200-C/C2 VW G50/G51
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN SINTOPOID LS SAE 75W-140	Premium Performance Gear Oil for axle and transfer gearboxes, formulated with fully-synthetic base oils. Suitable for axle and transfer gearboxes with and without limited slip differential.	API GL-5	–	BMW 83 22 2 282 583 BMW 83 22 9 407 870 CHRYSLER MS-8985 FORD WSL-M2C192-A GM 12346140 JOHN DEERE JDM J11G SCANIA STO 1:0
	12 x 1 L (Bottle), 60 L (Drum), 205 L (Drum)			
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars and Commercial Vehicles				
TITAN SUPERGEAR MC SAE 80W-90	Ultra High Performance Gear Oil based on MC-Synthesis for extended oil change intervals.	API GL-4/GL-5	DTFR 12B100 (MB 235.0) EvoBus 26.000-032 EvoBus 26.000-034 MAN 341 TYPE Z2 MAN 342 TYPE M2 SCANIA STO 1:0 SCANIA STO 1:1 G ZF TE-ML 02B, 05A, 12L, 12M, 16B, 17H, 19B, 21A (ZF000722)	API MT-1 CASE MS 1316 FORD WSP-M2C197-A JOHN DEERE JDM J11E MAN M 3343 TYPE M MAN 341 TYPE E2 NH 520A SDFG OP 1705 STEYR B-101 VOLVO 97310 ZF TE-ML 07, 08
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN SUPERGEAR MC SAE 80W-140	Ultra High Performance Gear Oil based on MC-Synthesis for extended oil change intervals.	–	ZF TE-ML 05A, 12M, 16C, 21A (ZF006028)	API GL-4/GL-5 API MT-1 JOHN DEERE JDM J11E OPEL 19 42 386 RENAULT VI SCANIA STO 1:0 VOLVO 97310 ZF TE-ML 08
	20 L (Canister), 205 L (Drum)			
TITAN SUPERGEAR PRO S1 SAE 80W-140 *NEW*	Ultra High Performance Gear Oil especially for axle- and manual transmissions in SCANIA commercial vehicles.	API GL-5	SCANIA STO 1:0	VOLVO 97321
	20 L (Canister), 205 L (Drum)			
TITAN SUPERGEAR SAE 80W-90	Ultra High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	EvoBus 26.000-025 MAN 342 TYPE M2 ZF TE-ML 05A, 12E, 17B, 19B, 21A (ZF000647)	MIL-L-2105 D VOLVO 97310 NH 520A STEYR B-101
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN SUPERGEAR SAE 85W-140	Ultra High Performance Gear Oil for extended oil change intervals.	API GL-4/GL-5	EvoBus 26.000-025 ZF TE-ML 05A, 12E, 16D, 21A (ZF000650)	MIL-L-2105 D VOLVO 97310
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Passenger Cars and Commercial Vehicles				
TITAN SUPERGEAR LS SAE 80W-90	Ultra High Performance LS (Limited Slip) hypoid gear oil for axles with or without limited slip differentials.	API GL-5 SAE J306: 80W-90	ZF TE-ML 05N, 21N (ZF008289)	MIL-L-2105 D FORD M2C104-A JOHN DEERE JDM J11F NH 520B VOLVO 97310 VOLVO 97321 ZF TE-ML 05C, 21C
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN SUPERGEAR LS SAE 80W-140 *NEW*	Ultra High Performance LS (Limited Slip) hypoid gear oil for axles with or without limited slip differentials.	API GL-5 SAE J306: 80W-140	–	MIL-L-2105 D FORD M2C104-A JOHN DEERE JDM J11F NH 520B SDFG OP 1705LS VOLVO 97310 VOLVO 97321 ZF TE-ML 05C, 05N, 21C, 21N
	20 L (Canister), 205 L (Drum)			
TITAN GEAR MP SAE 80	High Performance Gear Oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars.	API GL-4	DTFR 13B100 MB-APPROVAL 235.14 ZF TE-ML 17A (ZF000654)	BMW MTF 1 (BMW 81 22 2 339 384) BMW 81 22 9 407 052 BMW 81 22 9 407 053 FORD M2C9008-A MB 235.1 VW TL 726 ZF TE-ML 08
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN GEAR MP SAE 90	High Performance Gear Oil for synchronized and non-synchronized manual gearboxes as well as auxiliary drives, axles and differentials in commercial vehicles and passenger cars.	API GL-4	–	MAN 341 TYPE E1, Z1 MB 235.1 ZF TE-ML 02A, 16A, 17A, 19A
	20 L (Canister), 205 L (Drum)			
TITAN GEAR HYP SAE 90	High Performance Gear Oil for highly-stressed differentials in commercial vehicles and passenger cars.	API GL-5 SAE J306: 85W-90	DTFR 12B100 (MB 235.0) ZF TE-ML 16C, 17B, 19B, 21A (ZF000656)	FORD SR-M2C9102-A JOHN DEERE JDM J11E MAN 342 TYPE M1 OPEL 19 42 387 VOLVO 97310 VW TL 727 ZF TE-ML 07, 08
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Commercial Vehicles				
TITAN CYTRAC TD SAE 75W-90	Premium Performance Gear Oil for highly-stressed manual transmissions and hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Developed for the longest oil change intervals.	API GL-4/GL-5 API MT-1 SAE J2360	DETROIT DIESEL 93K219.01 DTFR 12B140 MAN 341 TYPE Z2 MAN 342 TYPE S1 MB-APPROVAL 235.9 MERITOR O-76-E SCANIA STO 1:0 SCANIA STO 1:1 G SCANIA STO 2:0 A FS VOLVO 97312 ZF TE-ML 02B, 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF003341)	JOHN DEERE JDM J11E JOHN DEERE JDM J11G MAN 341 TYPE E3 MAN 342 TYPE M3 MB 235.8
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CYTRAC SL SAE 75W-90	Premium Performance Gear Oil for highly-stressed hypoid axles in commercial vehicles formulated with fully-synthetic base oils. Developed for the longest oil change intervals in commercial vehicle axle drives.	API GL-5	MAN 342 TYPE S1 SCANIA STO 1:0	JOHN DEERE JDM J11E JOHN DEERE JDM J11G MB 235.8 VOLVO 97312 ZF TE-ML 05B, 07, 08, 12B, 16F, 17B
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CYTRAC PRO 235.31 SAE 75W-85	Premium Performance Gear Oil for highly-stressed hypoid axles in Mercedes-Benz commercial vehicles formulated with selected base oils. Developed for the longest oil change intervals and optimized gearbox efficiency.	API GL-5	DTFR 12B120 MB-APPROVAL 235.33	DETROIT DIESEL 93K219.03 MB 235.31
	20 L (Canister), 205 L (Drum)			
TITAN CYTRAC PRO GA2 SAE 75W-90	Premium Performance Transmission Oil for manual transmissions in commercial vehicles, especially for SCANIA and MAN. Developed for the longest oil change intervals.	API GL-5 SCANIA STO 1:1 G	MAN 341 TYPE GA2 SCANIA STO 2:0 G	–
	20 L (Canister), 205 L (Drum)			
TITAN CYTRAC PRO S2A SAE 75W-140	Premium Performance Gear Oil especially for axle- and differential transmissions in SCANIA commercial vehicles. Developed for longest oil drain intervals.	API GL-5 SCANIA STO 1:0	SCANIA STO 2:0 A	–
	205 L (Drum)			
TITAN CYTRAC RR SAE 75W-90	Fully synthetic Premium Performance Hypoid Gear Oil for axle drives in railcars and heavy duty vehicles.	API GL-5 API MT-1 SAE J2360	EvoBus 26.000-032 EvoBus 26.000-037 SCANIA STO 1:0 SIEMENS FLENDER Gear Units for Railway Vehicles VOITH 132.00374401 VOITH 132.00374402 VOITH 3.325-340 VOITH 3.325-342 ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF000732)	Gmeinder Getriebebau railway applications ZF TE-ML 05B, 21B
	205 L (Drum)			

Transmission Fluids

Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
Axle Gear Oils and Manual Transmission Fluids for Commercial Vehicles				
TITAN CYTRAC FE SYNTH SAE 75W-85	Premium Performance Gear Oil for gear-boxes in commercial vehicles, specially for the latest version of Mercedes-Benz CO_2 transmissions, formulated with fully-synthetic base oils. Most fuel efficient by improving gearbox efficiency. Suitable for the longest oil change intervals.	API GL-4	DTFR 13B140 (MB 235.16)	–
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN CYTRAC MB SYNTH SAE 75W-90	Premium Performance Gear Oil for gear-boxes in commercial vehicles, specially developed for Mercedes-Benz Actros vehicles, formulated with fully-synthetic base oils. Reduces fuel consumption by improving gearbox efficiency. Suitable for the longest oil change intervals.	API GL-4	MAN 341 TYPE MB DTFR 13B110 MB-APPROVAL 235.21	MB 235.11 ZF TE-ML 08
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CYTRAC ULTRA SYNTH SAE 75W-80	Premium Performance Gear Oil for gear-boxes in commercial vehicles, especially developed for ZF heavy duty transmissions with and without Intarder. Reduces fuel consumption by improving gearbox efficiency. Suitable for longest oil change intervals.	API GL-4 VOLVO 97307	EvoBus 26.000-030 MAN 341 TYPE Z5 ZF TE-ML 01E, 02E, 16P (ZF008388)	IVECO 18-1807 MGS2 MAN 341 TYPE VR MB 235.29 MB 235.41 VOITH-RETARDER „C“
	20 L (Canister), 205 L (Drum)			
TITAN CYTRAC MAT SAE 75W-80	Premium Performance Gear Oil for gear-boxes in commercial vehicles, specially developed for manual and automatic ZF-gear boxes, formulated with selected base oils. Reduces fuel consumption by improv-ing gearbox efficiency. Suitable for the longest oil change intervals and compatible with Carbon-Synchronizers.	API GL-4	MAN 341 TYPE Z4 ZF TE-ML 01L, 02L, 16K (ZF003373)	IVECO 18-1807 CLASSE MGS1 MAN 341 TYPE E3 MAN 341 TYPE Z3 MAN 341 TYPE Z5 VOLVO 97305 VOLVO 97307 ZF TE-ML 01E, 02D, 02E, 08, 16P
	20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CYTRAC HSY SAE 75W-90	Premium Performance Gear Oil for commercial vehicle manual transmissions and axle drives formulated with fully-synthetic base oils.	API GL-4/GL-5	EvoBus 26.000-032 EvoBus 26.000-037 ZF TE-ML 05A, 12L, 12N, 16F, 17B, 19C, 21A (ZF000642)	MAN 341 TYPE E3 MAN 341 TYPE Z2 MAN 342 TYPE M3 MAN M 3343 TYPE S JOHN DEERE JDM J11E JOHN DEERE JDM J11G SCANIA STO 1:0 ZF TE-ML 05B, 07, 21B
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN GEAR HYP LD SAE 80W-90	High Performance Gear Oil specially developed for Mercedes-Benz commer-cial vehicles. Offering enhanced thermal stability and fuel-economy potential.	API GL-5 API MT-1 SAE J2360	DETROIT DIESEL 93K219.02 DTFR 12B110 EvoBus 26.000-032 EvoBus 26.000-034 JOHN DEERE JDM J11E MAN 342 TYPE M3 MB-APPROVAL 235.20 SCANIA STO 1:0 VOLVO 97321 ZF TE-ML 05A, 12L, 12M, 16B, 17B, 19B, 21A (ZF000645)	MIL-PRF-2105 E ARVIN MERITOR 0-76-D MACK GO-J ZF TE-ML 07A
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			

TITAN

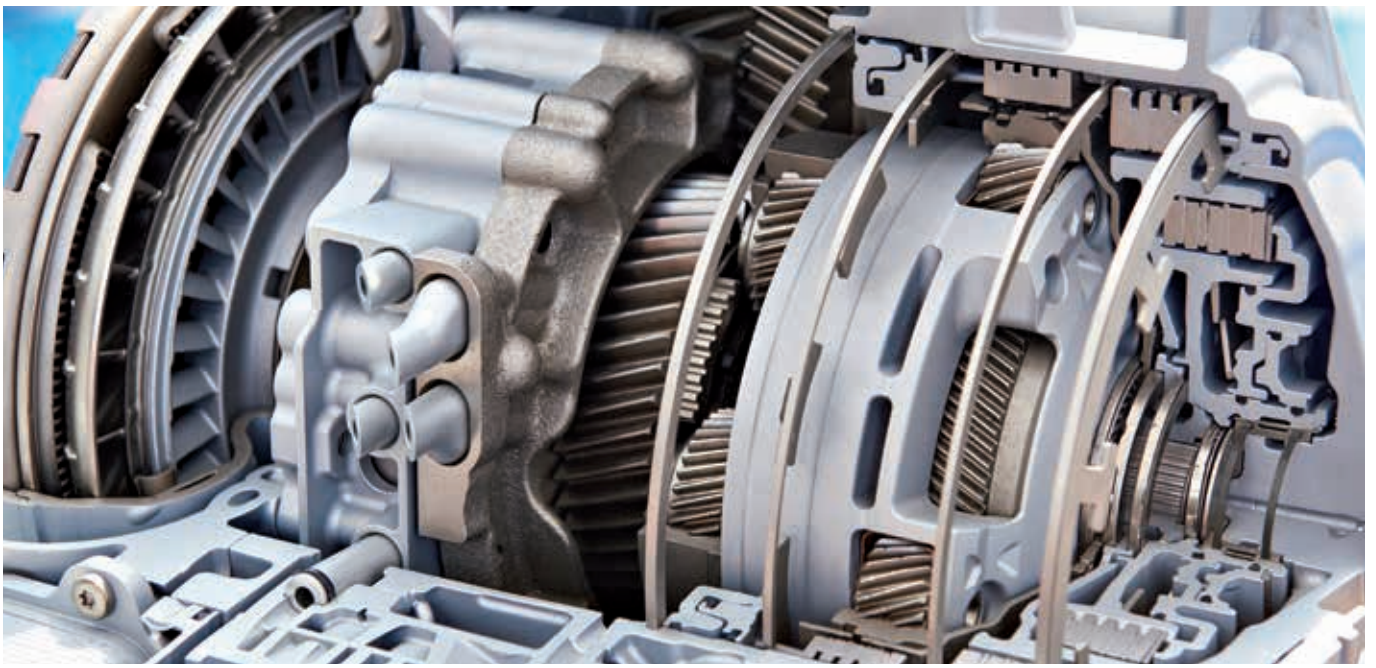


Product name	Description	Specifications	Approvals	FUCHS Recommendations
Double Clutch Transmission Fluids (DCTF)				
TITAN FFL-52529 BluEV TECHNOLOGY	Premium Performance DCTF for ultimate friction stability and best fuel economy properties. Specially developed for the wet clutch of the DL382 (0CK) and DL382e transmission of VW group. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as VW.	–	VW TL 52 529-C (G 055 529)	–
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN FFL-2 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch DCTs and hybridized DCTs (DQ400e). Provides optimum wear protection and excellent friction properties even under hard conditions and offers best shifting performance over the whole lifetime. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as VW.	–	JAC DTF630 VW TL 52 182 (G 052 182)	–
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
TITAN FFL-3 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch ZF/Porsche DCTs. Provides optimum wear protection and excellent friction properties even under hard conditions and offers best shifting performance over the whole lifetime. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers such as Mercedes-Benz.	–	MB-APPROVAL 236.24 ZF TE-ML 11 (ZF004742)	BMW 83 22 2 156 969 (MTF-LT-5) BMW 83 22 2 167 666 (MTF-LT-5) HYUNDAI 04300KX1BA JAGUAR LAND ROVER GX73-M1R564-AA PORSCHE 999 917 080 00
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Double Clutch Transmission Fluids (DCTF)		
TITAN FFL-4	Premium Performance DCTF. Specially developed for GETRAG/BMW Double Clutch Transmission with wet clutch.	–	GETRAG (PWA05043)	BMW 83 22 0 440 214 BMW 83 22 2 147 477 BMW 83 22 2 148 578 BMW 83 22 2 148 579 BMW 83 22 2 446 673 FORD WSS-M2C936-A McLaren: MP4-12C MITSUBISHI DIA QUEEN SSTF-1 PSA 9734 S2 VOLVO 1161838
	12 x 1 L (Bottle), 20 L (Canister)			
TITAN FFL-7 A BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for the third generation wet clutch DCT of Magna GETRAG. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers.	–	–	BMW 83 22 2 433 157 (DCTF 2) FORD WSS-M2C218-A1 (F-DC) MB 239.21 RENAULT 77 11 785 243 (DW5) VW G 053 013
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum)			
TITAN FFL-8 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch ZF/Porsche DCTs. Provides optimized friction properties and best load carrying capacity even under hard conditions over the whole lifetime. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as Porsche.	–	ZF TE-ML 11 (ZF004743)	BENTLEY G 052 524 B2 PORSCHE 000 043 210 44 PORSCHE 971 094 307 02A VW G 055 524
	12 x 1 L (Bottle), 20 L (Canister)			
TITAN FFL-10 BluEV TECHNOLOGY	Premium Performance DCTF. Specially developed for wet clutch Mercedes-Benz-8-speed. Provides optimum wear protection and excellent friction properties over the whole lifetime and offers best shifting performance even under hard conditions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers such as Mercedes-Benz.	–	MB-APPROVAL 236.22	–
	12 x 1 L (Bottle), 20 L (Canister)			
TITAN FFL-RACING	Premium Performance DCTF. Specially developed for highly stressed double clutch transmissions.	–	–	NISSAN GT-R (R35)
	12 x 1 L (Bottle), 20 L (Canister)			

TITAN



Product name	Description	Specifications	Approvals	FUCHS Recommendations
Automatic Transmission Fluids (ATF)				
TITAN ATF 9134 FE BluEV TECHNOLOGY	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 9-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers. Product dyeing: none.	–	MB-APPROVAL 236.17	NISSAN MATIC P
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN ATF 9034 NEW BluEV TECHNOLOGY	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 9-speed automatic transmissions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers. Product dyeing: none.	–	–	MB 236.15 MB 236.17 NISSAN MATIC P
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN ATF 8400 ULV	Premium Performance ATF with extremely reduced viscosity specifically formulated for automatic transmissions of Japanese manufacturers. Product dyeing: red.	–	–	AISIN WARNER AW-2 BMW 83 22 2 413 477 (ATF 7) DEXRON ULV FORD MERCON ULV FORD WSS-M2C949-A PSA 16 350 560 80 VW G 053 001 VW G 060 540 VOLVO 31492172
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			

Transmission Fluids

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Automatic Transmission Fluids (ATF)				
TITAN ATF 7134 FE	Premium Performance ATF with reduced viscosity, especially developed to further optimize fuel-economy and gearbox efficiency of latest generation Mercedes-Benz 7-speed automatic transmissions. Not downwards compatible with previous MB-ATF-Specifications. Product dyeing: blue.	–	MB-APPROVAL 236.15	–
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 6400 BluEV TECHNOLOGY	Premium Performance ATF with reduced viscosity specifically formulated for automatic transmissions of Japanese and American manufacturers. Licensed according to DEXRON VI. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers. Product dyeing: red.	FORD MERCON LV JASO M315 TYPE 1A-LV	DEXRON VI (T62BEZ075) ZF TE-ML 09	AISIN WARNER/AW-1 BMW 81 22 9 400 272 / 275 BMW 81 22 9 407 738 BMW 83 22 0 397 114 BMW 83 22 0 403 248 / 249 BMW 83 22 0 432 807 BMW 83 22 2 163 514 BMW 83 22 2 167 718 / 720 BMW 83 22 2 355 599 / 601 BMW 83 22 9 407 858 / 859 DEXRON HP FIAT 9.55550-AV2 FIAT 9.55550-AV6 GM 9256039/88863400 HONDA DW-1 HYUNDAI NWS 9638 HYUNDAI SP-IV HYUNDAI SP-IV M HYUNDAI SP-IV RR JWS 3324 KIA SP-IV MB 236.41 MITSUBISHI ATF-J3 MITSUBISHI ATF-PA MITSUBISHI MA1 NISSAN MATIC S TOYOTA TYPE WS VW G 055 540 A2
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 6009 BluEV TECHNOLOGY Advanced Circular Technologies	Premium Performance ATFbased on the sustainable FUCHS Advanced Circular Technology (ACT), specially developed to optimize the shifting performance of latest generation ZF automatic transmissions. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers. Product dyeing: green.	–	–	BMW 83 22 2 152 426 BMW 83 22 2 289 720 (ATF 3+) BMW 83 22 2 305 397 (ATF 3) HONDA ATF TYPE 3.1 JAGUAR 02JDE 26444 LAND ROVER LR023288 NISSAN MATIC R
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum)			
TITAN ATF 6008 BluEV TECHNOLOGY Advanced Circular Technologies	Premium Performance ATF based on the sustainable FUCHS Advanced Circular Technology (ACT), specially developed to optimize the shifting performance of ZF automatic transmissions incl. hybrid applications. With BluEV Technology additionally applicable in hybrid vehicles of different manufacturers. Product dyeing: green.	–	–	Bentley JNV 862 564 D BMW 83 22 2 152 426 BMW 83 22 2 289 720 (ATF 3+) BMW 83 22 2 305 397 (ATF 3) CHRYSLER 68157995AA FIAT 9.55550-AV5 JAGUAR 02JDE 26444 LAND ROVER LR023288 MB 236.82 VW G 055 162; VW G 060 162
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Automatic Transmission Fluids (ATF)				
TITAN ATF 6006 Advanced Circular Technologies	Premium Performance ATF based on the sustainable FUCHS Advanced Circular Technology (ACT), specially developed to optimize the shifting performance of ZF automatic transmissions. Product dyeing: none.	–	–	AML Oil No. 4G4319A509/AA/S BENTLEY PY112995PA BMW 83 22 0 142 516 BMW 83 22 0 144 137 BMW 83 22 2 305 396 FORD MERCON SP HYUNDAI 040000C90SG JAGUAR FLUID 8432 LAND ROVER TYK500050 MASERATI 231603 VW G 055 005
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 5668	Premium Performance ATF especially developed for highly stressed ALLISON step automatic transmissions in commercial vehicles. Product dyeing: red.	–	ALLISON TES 668® DTFR 13C180 (MB 236.91) DTFR 13C190 (MB 236.92)	ALLISON TES 295 ALLISON TES 389 VOLVO 97340 VOLVO 97341
	205 L (Drum), 1.000 L (IBC)			
TITAN ATF 5500	Premium Performance ATF for automatic transmission in motor vehicles. Outstanding base oil quality for optimal cold temperature properties and high ageing stability. Durable friction properties for excellent wet clutch performance. Product dyeing: none.	–	DTFR 13C170 EvoBus 27.000-017 MAN 339 TYPE V1 MAN 339 TYPE V2 MAN 339 TYPE V3 MAN 339 TYPE Z3 MAN 339 TYPE Z12 MB-APPROVAL 236.93 VOITH 150.014524.xx VOLVO 97341 ZF TE-ML 04D, 14C, 16M, 16S, 20C, 25C (ZF001797)	DEXRON III (H) ALLISON TES 295 ALLISON TES 389 IVECO 18-1807 CLASSE AG3/I MAN 339 TYPE Z4 MB 236.9 VOITH H55.6336.xx
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 1	Ultra High Performance ATF especially developed for highly stressed step automatic transmissions in passenger cars as well as in commercial vehicles. Product dyeing: none.	–	EvoBus 27.000-017 MAN 339 TYPE Z2 VOITH 150.014524.xx ZF TE-ML 04D, 11B, 14B, 17C (ZF003602)	BMW 83 22 2 220 442 (ATF 4) BMW 83 22 9 407 807 (ATF 4) CHRYSLER MS 9602 (ATF +4) CITROËN/PEUGEOT Z 000 169756 DEXRON III IVECO 18-1807 CLASSE AG3/I JAGUAR JLM 20238 MB 236.11 PORSCHE 999.917.547.00 VOITH H55.6336.xx VW TL 521 62 (G 052 162) ZF TE-ML 16L
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			

Transmission Fluids

Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
Automatic Transmission Fluids (ATF)				
TITAN ATF 4400 Advanced Circular Technologies	Ultra High Performance ATF based on the sustainable FUCHS Advanced Circular Technology (ACT)specifically formulated for Japanese passenger cars and light commercial vehicles, as well as for several European and American manufacturers. The high torque capacity exceeds the performance of many original fluids. Product dyeing: red.	JASO M315 TYPE 1A	–	DEXRON III (H) BMW MINI 83 22 0 402 413 BMW MINI 83 22 7 542 290 CHRYSLER MS7176E/9602 (ATF +3/+4) DAIHATSU ALUMIX ATF MULTI FIAT 9.55550-AV1/AV4 FORD MERCON FORD MERCON V FORD M2C924-A/M2C922-A1 FORD WSS-M2C919-E FORD WSS-M2C202-B GM 9986195 HONDA ATF Z-I HYUNDAI SP III ISUZU BESCO ATF -II/ATF -III/ATF WSI JATCO 3100 PL085/FWD (N402)/ JF506E (K17) JWS 3309/TYPE T-IV MAZDA ATF D-III/ATF M-3/M-V MITSUBISHI SP-II/-III NISSAN MATIC C/D/J SAAB 3309 SUBARU ATF OIL/ATF OIL SPECIAL/ATF HP SUZUKI ATF 3309/3317 TOYOTA TYPE D-2/T/T-II/T-III/T-IV VW G 052 990/055 025
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 4134	Ultra High Performance ATF, specially developed to optimise shifting performance of Mercedes automatic transmissions. Product dyeing: red.	–	MB-APPROVAL 236.14 SSANGYONG (MB-automatic transmissions)	–
	12 x 1 L (Bottle), 4 x 4 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 4000	Ultra High Performance ATF for use in automatic transmissions as well as other ATF applications. Improved low-temperature shifting compared to DEXRON II. Product dyeing: red.	–	DTFR 13C100 (MB 236.1) DTFR 13C170 MAN 339 TYPE L1 MAN 339 TYPE V1 MAN 339 TYPE Z1 MB-APPROVAL 236.93 VOITH H55.6335.xx VOLVO 97341 ZF TE-ML 03D, 04D, 14A (ZF006024)	ALLISON C-4 ALLISON TES 389 BMW 81 22 9 400 272 / 275 BMW 81 22 9 407 738 BMW 83 22 0 403 248 BMW 83 22 9 407 765 / 858 / 859 CAT TO-2 DEXRON III (H) FORD MERCON MB 236.9 OPEL 19 40 707 OPEL 19 40 767 VOLVO 97340 VW TL 521 62 (G 052 162) ZF TE-ML 02F, 09, 11B, 17C
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN ATF 3353	Ultra High Performance DEXRON III-generation-ATF for automatic transmissions as well as any other ATF-applications. Developed for the MB automatic transmissions and transfer cases according manufacturer. Offers fuel-efficiency potential. Product dyeing: red.	–	MB-APPROVAL 236.12 VW TL 52533 (G 052 533)	DEXRON III BMW 83 22 9 407 765 FORD WSA-M2C195-A FORD WSS-M2C922-A1 SSANG YONG
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister)			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Continuously Variable Transmission Fluids (CVTF)				
TITAN CVTF PRO 236.20	Premium Performance CVTF specially designed for Mercedes-Benz and Ford CVT-gearboxes. Product dyeing: none.	–	MB-APPROVAL 236.20	FORD WSS-M2C928-A
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
TITAN CVTF FLEX Advanced Circular Technologies	Premium Performance CVTF based on the sustainable FUCHS Advanced Circular Technology (ACT) specially designed for use in many CVT-gear-boxes using push-belts or transmission chains made of steel. Product dyeing: none.	–	–	BMW 83 22 0 136 376 BMW 83 22 0 429 154 CHRYSLER CVTF+4 DAIHATSU AMMIX CVTF-DC/-DFE DODGE/JEEP NS-2/CVTF+4 FORD WSS-M2C933-A/MERCON C GM 19260800 GM DEX-CVT GM HP CVTF HONDA HCF-2 HYUNDAI/KIA SP-CVT1 MAZDA CVTF 3320 MITSUBISHI CVTF-J1/J4 NISSAN NS-1/NS-2/NS-3 SUBARU Lineartronic CV-30/CVTF/ CVTF- II/CVTF-HT/E-CVT/iCVT SUZUKI TC/NS-2/CVT Green 1/ CVT Green 2/CVTF 3320 TOYOTA TC/CVT FE VW TL 521 80 (G 052 180) VW TL 525 16 (G 052 516)
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
Transfer Case Fluid (TCF)				
TITAN TCF 1	Premium Performance TCF specially designed for use in many transfercases with wet running clutch.	–	MB-APPROVAL 239.41	BMW 83 22 2 409 710 (BMW DTF 1) BMW 83 22 0 306 816 BMW 83 22 0 397 244 LAND ROVER IYK500010 NISSAN 999-MP-TF0870P PORSCHE 000 043 301 36 PORSCHE 000 043 305 63 VW G 055 015 VW G 052 515 VW G 055 515
	12 x 1 L (Bottle), 205 L (Drum)			



Automatic Transmission Fluid Flushing – Gear+
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The optimal solution for your customers to effectively clean the automatic transmission by flushing the oil circuit and filling it completely with the appropriate fresh oil.

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MULTIFUNCTIONAL OILS

In many applications in the agricultural and construction industries there are, in addition to Lubricants that are only used for a specific component so-called all-rounders: STOU and UTTO products.

Both were developed for use in transmissions and hydraulic systems and can also be used in brakes running in an oil bath (wet brakes).

STOU products can also be used in the engine if the relevant specifications are met. In simple terms, this means that a STOU is a UTTO with engine performance.

The advantages of such all-rounders are obvious: on the one hand, a real sort rationalization is possible, on the other hand, the risk of incorrect filling is significantly reduced.

FUCHS is a real pioneer in these UTTO and STOU lubricants and offers a comprehensive product range.



Multifunctional Oils

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Multifunctional Oils



Product name	Description	Specifications	Approvals	FUCHS Recommendations
UTTO Oils for Construction Machinery				
TITAN UTTO PRO 102	Premium Performance Multifunctional Oil for gears, axles and hydraulic systems with improved wear protection and wide range of application temperatures. Specially developed and approved for VOLVO axles with built-in wet brakes in construction machinery.	API GL-4 SAE J306: 75W-75	VOLVO WB 102	ALLISON C-4 CASE MS 1207/1209/1210 CATERPILLAR TO-2 FORD M2C86-C FORD ESN-M2C134-D JOHN DEERE JDM J20C JOHN DEERE JDM J20D KOMATSU AXO 80 (KES 07.866) KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1145, 1143, 1135 VOLVO WB 101 ZF TE-ML 03E, 05F, 06K, 17E, 21F SAE J300: 0W-20
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN UTTO WB	Ultra High Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for construction and agricultural machinery.	–	VOLVO WB 101 ZF-TE ML 03E, 03F, 05F, 06K (ZF004829)	AGCO Q-1826 (Whitefarm), Powerfluid 821 XL ALLISON C-4 API GL-4 CASE MS 1210, 1209, 1207, 1206, 1205, 1204 CATERPILLAR TO-2 CNH MAT 3505, 3506, 3525 FNHA-2-C-201.00 FORD ESN M2C41-B, M2C53-B, M2C92-A, M2C134-D JOHN DEERE JDM J20C JOHN DEERE JDM J20D KUBOTA UDT FLUID MASSEY FERGUSSON CMS M 1145, 1143, 1141, 1135 SAE J300: 10W-30 ZF TE-ML 03L
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
UTTO Oils for Construction Machinery				
TITAN UTTO PLUS	Ultra High Performance Multifunctional Oil for gears, axles and hydraulic systems on construction and agricultural machinery with or without wet brakes and limited slip differentials.	SAE J300: 5W-30	–	SAE J306: 75W-80 CASE MS 1207/1209/1210 FORD M2C86-C, ESN-M2C134-D JOHN DEERE JDM J20C JOHN DEERE JDM J20D JOHN DEERE JDM J14 KOMATSU KES 07.866 KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1143, 1135 STEYR 397.88.0001 VOLVO WB 101
	20 L (Canister), 205 L (Drum), Tank Truck			
TITAN UTTO ZF	High Performance Gear Oil for ZF axles with limited-slip differentials. Recommended for construction machinery and material-handling vehicles axles.	API GL-4	ZF TE-ML 05F, 06K, 17E, 21F (ZF000661)	VOLVO WB 101 ZF TE-ML 03E
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
TITAN UTTO TO-4 SAE 10W	High Performance multifunctional lubricant for hydraulics in construction machinery.	API GL-4 CAT TO-4	ZF TE-ML 03C (ZF002186)	ALLISON C-4 KOMATSU KES 07.868.1
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN UTTO TO-4 SAE 30	High Performance multifunctional transmission lubricant for construction machinery.	API GL-4 CAT TO-4	ZF TE-ML 03C, 07F (ZF002185)	ALLISON C-4 ALLISON TES-439 KOMATSU KES 07.868.1
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN UTTO TO-4 SAE 50	High Performance multifunctional lubricant for final drives in construction machinery.	API GL-4 CAT TO-4	–	KOMATSU KES 07.868.1
	20 L (Canister), 205 L (Drum), 1.000 L (IBC)			

Multifunctional Oils



Product name	Description	Specifications	Approvals	FUCHS Recommendations
		UTTO Oils for Agricultural Machinery		
AGRIFARM UTTO VT	Premium Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.	API GL-4	ZF TE-ML 06B, 06D, 06N, 07B (ZF006013)	ACEA E2 API CF-4/ CG-4/SF ALLISON C-4 CAT TO-2 FORD M2C159-B/C JOHN DEERE JDM J20C JOHN DEERE JDM J27 MASSEY FERGUSON CMS M 1145 (1144, 1143, 1139, 1135) SAE J300: 10W-30 SAE J306: 80W-80 ZF TE-ML 06C, 06F, 06Q, 06R
	20 L (Canister), 205 L (Drum)			
AGRIFARM UTTO AG ***NEW***	Premium Performance Multifunctional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.	API GL-4 SAE J300: 10W-30	FENDT FWN 81001	ALLISON C-4 CAT TO-2 CNH MAT 3505, 3506, 3509, 3525, 3526 DIN 51524-3: HVLP (-D) MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135 JOHN DEERE JDM J20C VALTRA G2-08
	20 L (Canister), 205 L (Drum), Tank Truck			

AGRIFARM

Product name	Description	Specifications	Approvals	FUCHS Recommendations
UTTO Oils for Agricultural Machinery				
AGRIFARM UTTO MP	Ultra High Performance Multi-functional Oil (UTTO/MFO) for use in transmission and hydraulic systems with integrated wet brakes, clutches and differentials for agricultural and construction machinery.	API GL-4	DANA-OHTM-UTTO VALTRA G2-08 VOLVO WB 101 ZF TE-ML 03E, 05F, 06K, 17E, 21F (ZF002183)	AGCO Powerfluid 821 XL AGCO Q-186 (Whitefarm) ALLISON C-4 CASE MS 1230, 1210, 1209, 1207, 1206 CAT TO-2 CLAAS / LANDINI / SAME-Transmission CNH MAT 3505, 3506, 3509, 3525, 3526, 3540 DIN 51524: HLP (-D) FNHA-2-C-200.00 / -201.00 FORD M2C48-C3, ESN M2C86-B/C, M2C134-D JOHN DEERE JDM J20C KUBOTA UDT FLUID MASSEY FERGUSON CMS M 1145, 1143, 1141, 1135 NH 410C, 410B SAE J300: 10W-30 SAE J306: 75W-80 SDFG OT 1891 A VALTRA G2-B10
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
AGRIFARM UTTO LN	Ultra High Performance Transmission Hydraulic Fluid developed as a problem-solver for tractors in which conventional UTTO oils led to noisy wet brakes.	API GL-4 SAE J300: 20W-30	–	AGCO Powerfluid 821 XL AGCO Q-186 (Whitefarm) ALLISON C-4 CASE MS 1206, 1207, 1209, 1210, 1230 CNH MAT 3505, 3506, 3509, 3525, 3526 FNHA-2-C-200.00 / -201.00 FORD M2C48C3, ESN M2C86-B/C, M2C134-D JOHN DEERE JDM J20C MASSEY FERGUSON CMS M 1141, 1135 SAE J306: 80W-85 CLAAS / LANDINI / SAME-Transmission / DEUTZ-FAHR FENDT (non Vario)
	20 L (Canister), 205 L (Drum)			
STOU Oils for Agricultural Machinery				
AGRIFARM STOU MC PRO SAE 10W-40	Premium Performance Multi-functional Oil (STOU/MFO) of the latest generation for agricultural vehicles.	SAE J300: 10W-40	DEUTZ DQC III-18	ACEA E7, E5, E4, E3, API CI-4, API GL-3/GL-4/API GL-5 in tractors* MAN 3275 AFNOR NFE 48603 HV, ALLISON C-4 CASE MS 1207, 1209, 1210, 1230 CNH MAT 3505, 3509, 3525, 3526 DIN 51524-3: HVLP (-D) FNHA 2C-200.00, 201.00 FORD M2C48-C3, M2C86-B, M2C134-D, M2C159-B/C JOHN DEERE JDM J20C NEW HOLLAND 82009201/2/3 NH 030C, 330G, 330H, 410C, 410B, 420A, 526C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 SAE J306: 80W-90 ZF TE-ML 06A, 06B, 06C, 06F, 06L, 07B * without HOLMER
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			

Multifunctional Oils

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		STOU Oils for Agricultural Machinery		
AGRIFARM STOU MC SAE 10W-30	MC-synthesis Ultra High Performance Multifunctional Oil (STOU/ MFO) for engines, manual gearboxes, wet brakes, hydraulics and turbo-drives in tractors and other agricultural machinery.	API GL-4 SAE J300: 10W-30	DEUTZ DQC I-02 ZF TE-ML 06B, 06F, 07B (ZF000733)	AFNOR NFE 48603 HV DIN 51524-3: HVLP (-D) ACEA E3 API CG-4 ALLISON C-4 CASE MS 1207, 1209, 1210, 1230 CNH MAT 3505, 3509, 3525, 3526 FORD M2C48-C3, M2C86-B, M2C134-D, M2C159-B/C JOHN DEERE JDM J20 C NEW HOLLAND 82009201/2/3 NH 410C, 410B, 420A MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 SAE J306: 75W-80 ZF TE-ML 06A, 06C
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
AGRIFARM STOU MC SAE 10W-40	Ultra High Performance Multifunctional Oil (STOU / MFO) based on MC-base-oil technology for engines, manual gearboxes, wet brakes, hydraulics and turbo-drives in tractors and other agricultural and other commercial vehicles.	API GL-4 SAE J300: 10W-40	DEUTZ DQC I-02 FENDT KDM 17/2012 ZF TE-ML 06B, 06F, 07B (ZF000729)	API GL-5 in tractors* ACEA E3 API CG-4 MAN 271 AFNOR NFE 48603 HV ALLISON C-4 CASE MS 1207, 1209, 1210, 1230 CNH MAT 3505, 3509, 3525, 3526 DIN 51524-3: HVLP (-D) FORD M2C134-D, M2C159-B/C FNHA 2C-200.00, 201.00, FORD M2C48-C3, M2C-86 B JOHN DEERE JDM J20C NEW HOLLAND 82009201/2/3 NH 030C, 330G, 410C, 410B, 420A, 526C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 SAE J306: 80W-90 ZF TE-ML 06A, 06C, 06L * without HOLMER
	20 L (Canister), 60 L (Drum), 205 L (Drum), Tank Truck			
AGRIFARM STOU SAE 15W-40	High Performance Multifunctional Oil (STOU / MFO) for engines, manual gearboxes, wet brakes, hydraulics in tractors and other agricultural equipment.	API GL-4	FENDT KDM 17/2012	ACEA E2 API CF-4 CNH MAT 3525, 3526 DIN 51524 : HLP (-D) FNHA 200.00, 201.00 FORD M2C134-D, M2C159-B/C JOHN DEERE JDM J20C MASSEY FERGUSON CMS M 1145, 1144, 1143, 1139, 1135 NEW HOLLAND 82009201/2/3 NH 420A SAE J306: 80W-90 SDFG OU 1391, OT 1891 STEYR D-401 ZF TE-ML 06A, 06B, 06C, 07B
	20 L (Canister), 205 L (Drum), Tank Truck			

AGRIFARM

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Agricultural Engine Oils				
AGRIFARM MOT X-LA SAE 10W-40	Premium Performance Engine Oil for agricultural vehicles. Universal engine oil for application in modern vehicles with exhaust after treatment as well as in older vehicles. Best engine cleanliness and outstanding wear protection.	ACEA E11, E8, E7, E4 API CK-4/CJ-4/CI-4 PLUS/CI-4 CAT ECF-3	DEUTZ DQC IV-18 LA DTFR 15C100 (MB 228.31) DTFR 15C110 (MB 228.51) DTFR 15C120 (MB 228.52)	ACEA E9, E6 CNH MAT 3571 CNH MAT 3521 CUMMINS CES 20086 CUMMINS CES 20081 LIEBHERR LH-00-ENG LA MACK EOS-4.5 MAN M 3477 MAN M 3575 MAN M 3775 RENAULT RLD-4 RENAULT RLD-3
	20 L (Canister), 205 L (Drum)			
AGRIFARM MOT SAE 15W-40 Advanced Circular Technologies	Ultra High Performance Engine Oil based on the sustainable FUCHS Advanced Circular Technology (ACT) for normally aspirated and turbocharged diesel engines in tractors and other machinery which make high demands on service intervals and engine cleanliness.	ACEA E7 API CI-4/SL GLOBAL DHD-1 CAT ECF-1a / ECF-2	DEUTZ DQC III-18 DTFR 15B110 (MB 228.3)	ALLISON C-4 CAT TO-2 CUMMINS CES 20071/2/6/7/8 DETROIT DIESEL 93K215 IVECO 18-1804 CLASSE T2 E7 MACK EO-N MAN M 3275-1 MTU DDC TYPE 2 RENAULT RLD/RLD-2 STEYR A-201 VOLVO VDS-3
	20 L (Canister), 205 L (Drum)			
Agricultural Milking Machine Oil				
AGRIFARM MILKING MACHINE OIL	Ultra High Performance Milking Machine Oil specially developed for use in the vacuum pumps of milking machines. It contains additives which protect against wear and corrosion and foaming. These features increase the functional reliability of such systems.	–	–	ALFA LAVAL WESTFALIA
	3 x 5 L (Bottle)			



SERVICE PRODUCTS

The FUCHS range of workshop and service products is a comprehensive portfolio of coolants, brake fluids and fuel additives. These offer your vehicle optimum protection at all times – particularly in winter.

Our service products match with nearly every vehicle type and offer the best possible protection combined with the latest technology.



Service Products

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Service Products

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
FRICOFIN EVO BluEV TECHNOLOGY	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites and amines with PSi-OAT-technology. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers. Product dyeing: pink-violet.	AS 2108:2004 TYPE A ASTM D 3306 TYPE I ASTM D 4985 BS 6580:2010 CUNA NC 956-16 PN-C40007:2000 SAE J1034 ÖNORM V 5123 SANS 1251:2005 China GB 29743-2013 JIS K 2234:2006	DEUTZ DQC CC-14 VW TL 774-L (G12EVO)	BMW LC-18, LC-97, LC-87 MWM TR 2091 VOLVO CARS (TR-31854114-002)
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
FRICOFIN DP BluEV TECHNOLOGY	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines and phosphates with Si-OAT-technology. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers. Product dyeing: pink-violet.	AFNOR NF R 15-601 TYPE 1 AS/NZS 2108:2004 TYPE A ASTM D 3306 TYPE I ASTM D 4985 BS 6580:2010 CUNA NC 956-16 JIS K 2234:2006 SAE J814; SAE J1034 SANS 1251:2005 China GB 29743-2013 UNE 26-361-88	CUMMINS CES 14603 DETROIT DIESEL 93K217 DEUTZ DQC CC-14 DTFR 29C120 (MB 325.5) MAN 324 TYPE Si-OAT MB-APPROVAL 325.6 MTU MTL 5048 VW TL 774-G (G12++) VOITH (172.00225040 – Type Si-OAT)	ASTM D 6210 TYPE I IVECO 18-1830 LIEBHERR LH-01-COL3A PN-C 40007:2000 SCANIA TB 1451 VW TL 774-J (G13)
	12 x 1 L (Bottle), 3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			
FRICOFIN DP 50 BluEV TECHNOLOGY	Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites, amines and phosphates with Si-OAT-technology. Offers frost protection down to -40 °C. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers.Product dyeing: pink-violet.	AFNOR NF R 15-601 TYPE 3 ASTM D 3306 TYPE III ASTM D 4985 BS 6580:2010 SAE J814 UNE 26-361-88	CUMMINS CES 14603 DETROIT DIESEL 93K217 DEUTZ DQC CC-14 DTFR 29D120 (MB 326.5) MAN 324 TYPE Si-OAT MB-APPROVAL 326.6 MTU MTL 5048 VW TL 774-G (G12++) VOITH (172.00225040 – Type Si-OAT)	ASTM D 6210 TYPE III IVECO 18-1830 SCANIA TB 1451 VW TL 774-J (G13)
	3 x 5 L (Bottle), 20 L (Canister), 205 L (Drum), 1.000 L (IBC)			
FRICOFIN PS BluEV TECHNOLOGY	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites and borates with PSi-OAT-technology. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers. Product dyeing: green.	AFNOR NF-R-15-601 TYPE 1 ASTM D3306-20 TYPE I ASTM D4985 BS 6580.2010 FVV Heft R530:2005 JIS K2234:2018 UNE 26-361-88/1	–	AS/NZS 2108.1-1997 BMW LC-18, LC-87, LC-97 Case IH Agriculture JIC-501 CAT / MWM 0199-99-2091/12 Chrysler MS 7170 CUMMINS 85T8-2 DEUTZ DQC CA-14 DTFR 29C120 (MB 325.5) FIAT 9.55523 FORD ESD-M97B49-A GB 29743-2013 (PC only) GME L1301 (Opel, Vauxhall) INNIO JENBACHER TA 1000-0200 Iveco 18-1830 MAN 324 Type NF; MAN 324 Type Si-OAT MB 325.0; MB 325.6 MTU MTL 5048 SKODA 61-0-0257 Tesla (Model S, Model X, Model 3, Model Y) Toyota 1WW/2WW Önorm V5123 Volvo Cars 128 6083 / 002 Volvo Cars TR-31854114-002 VW TL 774-L (G12EVO / different colour)
	3 x 5 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			

FRICOFIN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
FRICOFIN PS 50 BluEV TECHNOLOGY	Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites and borates with PSi-OAT-technology. Offers frost protection down to -40 °C. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers. Product dyeing: green.	AFNOR NF-R-15-601 TYPE 3 ASTM D3306-20 TYPE III ASTM D4985 BS 6580.2010 FVV Heft R530:2005 JIS K2234:2018 UNE 26-361-88/1	–	AS/NZS 2108.1-1997 BMW LC-18, LC-87, LC-97 Case IH Agriculture JIC-501 CAT / MWM 0199-99-2091/12 Chrysler MS 7170 CUMMINS 85T8-2 DEUTZ DQC CA-14 DTFR 29D120 (MB 326.5) FIAT 9.55523 FORD ESD-M97B49-A GB 29743-2013 (PC only) GME L1301 (Opel, Vauxhall) INNIO JENBACHER TA 1000-0200 Iveco 18-1830 MAN 324 Type NF MAN 324 Type Si-OAT MB 326.0; MB 326.6 MTU MTL 5048 SKODA 61-0-0257 Tesla (Model S, Model X, Model 3, Model Y) Toyota 1WW/2WW Önorm V5123 Volvo Cars 128 6083 / 002 Volvo Cars TR-31854114 VW TL 774-L (G12EVO / different colour)
	205 L (Drum), 1.000 L (IBC)			
FRICOFIN LD	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, phosphates and silicates with X-OAT-technology. Product dyeing: orange.	ASTM D3306 TYPE I ASTM D6210 TYPE I-FF GB 27943.1-2022 Tata Motors – Jaguar (STJLR.03.5212) VOLVO VCS-2	DEUTZ DQC CB-14	AS/NZS 2108.1-1997 CNH MAT 3624; CNH MAT 3724 CAT GCM34 CAT EC-1 Chevrolet GMW 3420 DAF 74002 DETROIT DIESEL DFS93K217 FORD WSS M97B44-D FIAT 9.55523 GM 6277M GMW 18270 GMW 3420 IVECO 18-1830 JOHN DEERE JDM H5 Kobelco Komatsu 07.892 (2017) Leyland Trucks DW03245403 MAN 324 Typ SNF Mahle – Behr MB 325.3 / DTFR 29C110 Mitsubishi MHI MTU MTL 5048 Perkins Isuzu - UD Trucks RTCS-2 SAAB B 04 01065 Santana Motors Skoda 61-0-0257 Yanmar UNE 26-361-88/1 VW TL 774-D/F (G12+)
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			

Service Products

FRICOFIN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
		Antifreezes		
FRICOFIN LD 50	Premium Performance Coolant Ready-Mix based on monoethylene glycol. Free of nitrites, phosphates and silicates with X-OAT-technology. Offers frost protection down to -40 °C. Product dyeing: orange.	ASTM D3306 TYPE III ASTM D6210 TYPE III-FF GB 27943.1-2022 Tata Motors – Jaguar (STJLR.03.5212) VOLVO VCS-2	DEUTZ DQC CB-14	AS/NZS 2108.1-1997 CNH MAT 3624; CNH MAT 3724 CAT GCM34 CAT EC-1 Chevrolet GMW 3420 DAF 74002 DETROIT DIESEL DFS93K217 FORD WSS M97B44-D FIAT 9.55523 GM 6277M GMW 18270 GMW 3420 IVECO 18-1830 JOHN DEERE JDM H5 Kobelco Komatsu 07.892 (2017) Leyland Trucks DW03245403 MAN 324 Typ SNF Mahle – Behr MB 326.3 / DTFR 29D110 Mitsubishi MHI MTU MTL 5048 Perkins Isuzu - UD Trucks RTCS-2 SAAB B 04 01065 Santana Motors Skoda 61-0-0257 Yanmar UNE 26-361-88/1 VW TL 774-D/F (G12+)
	205 L (Drum), 1.000 L (IBC)			
FRICOFIN FP	Premium Performance Coolant Concentrate based on monoethylene glycol. Free of nitrites, amines and borates. Product dyeing: light blue.	AFNOR NF R 15-601 BS 6580:2010	–	ASTM D 3306 TYPE I
	12 x 1 L (Bottle), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC)			

TITAN

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Brake Fluids				
TITAN DOT 514 LV BluEV TECHNOLOGY	Premium Performance Brake Fluid for hydraulic brake systems and clutch actuation in passenger cars, trucks and motorcycles. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers.	FMVSS NR. 116 DOT 3/4/5.1 ISO 4925 CLASS 3/4/5-1/6/7 JIS K2233 CLASS 3/4/5/6 SAE J 1703/1704	–	BMW QV 34001 FORD M6C65-A2 FORD M6C62-A FORD M6C9103-A GM Europa GMW 3356 MB 331.0 PSA S71 2114 RENAULT 41-02-001/--H VW TL 766-X, 766-Y, 766-Z
	6 x 1 L (Tin), 3 x 5 L (Canister), 20 L (Canister), 60 L (Drum), 205 L (Drum)			
TITAN DOT 4 HT	Premium Performance Brake Fluid for hydraulic brake systems and clutch actuation in passenger cars, trucks and motorcycles.	FMVSS NR. 116 DOT 3/4 ISO 4925 CLASS 3/4 JIS K2233 CLASS 3/4 SAE J1703/J1704	–	FORD M6C62-A FORD M6C9103-A NH 800A OPEL 19 42 421 VW TL 766-X
	6 x 1 L (Tin), 3 x 5 L (Canister)			
Fuel Additive				
TITAN FUEL+ WINTERFIX	Premium Performance Diesel Fuel and Heating Oil Additive to prevent waxing and plugging at low temperatures.	–	–	–
	20 L (Canister), 205 L (Drum)			
Specialties – Oil Binder				
TITAN ABSORPEX	Oil Binder Type III R, Chemical Binder	Reported by Hygiene Institut Gelsenkirchen MPL	–	–
	21 kg (Bag)			



SPECIALTIES

Buzzwords such as fuel economy and energy saving are becoming more and more popular. In the light of this , and in order to meet the special demands of a large construction machinery manufacturer, we have developed and successfully launched the new RENOLIN XtremeTemp hydraulic oil.

RENOLIN XtremeTemp significantly reduces fuel consumption while at the same time offering high efficiency, longer service life and thereby less maintenance and lower failure related downtimes as well as a broader operating temperature range. RENOLIN XtremeTemp significantly reduces the operating costs of machinery such as earth-moving machines.

You can benefit from our experience, too.



Specialties

Central Hydraulic / Power Steering Fluids	61-62
Dedicated Hybrid Transmission Fluid (DHTF), Electric Driveline Fluids (EDF), Dielectric Thermal Fluids (TF), E-Motor	63-64
Biodegradable Lubricants (Engine Oil, Multifunctional Oil, Hydraulic and Lubricating Oils)	66-67
Multigrade Hydraulic Oils	68
Hydraulic and Industrial Gear Oils	69
Refrigeration Oils	70
Lubricants for Noise Reduction	71
Greases	72-80
Assembly Aids, Cleaner	81-83
Corrosion Preventives	84-85



FUCHS TITAN CHF - Central hydraulic and power steering fluids of the highest quality

Modern central hydraulic and power steering systems require special formulations to ensure the best performance, durability and especially safety. The majority of our TITAN CHF range was developed for initial filling by various OEM and thus covers the highest OEM quality standards.

Convince yourself of our excellent portfolio of central hydraulic fluids and power steering fluids.

Specialties

TITAN



Product name	Description	Specifications	Approvals	FUCHS Recommendations
Central Hydraulic / Power Steering Fluids				
TITAN CHF 11S	Premium Performance Power Steering and Central Hydraulic Fluid with a wide application and approval profile for various manufacturers. Product dyeing: green.	FORD WSS-M2C204-A	CHRYSLER MS-11655B DTFR 31B120 (MB 345.0) EvoBus 39.060-001 MAN M 3289 MB-APPROVAL 345.0 PSA S71 2710 ZF TE-ML 02K (ZF004744) VW TL 52 146 (G 002 000)	BENTLEY JNV862564F BMW 81 22 9 407 758 BMW 82 11 1 468 041 BMW 83 29 0 429 576 FENDT X 902 011 622 IVECO 18-1807 CLASSE APU OPEL B 040 0070 PORSCHE 000 043 203 33 SAAB 3032 380 VOLVO 1161529
	6 x 1 L (Tin), 20 L (Canister), 60 L (Drum), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CHF 202 BluEV TECHNOLOGY	Premium Performance Power Steering and Central Hydraulic Fluid with a wide application and approval profile for various manufacturers. With BluEV Technology additionally applicable in hybrid and electrical vehicles of different manufacturers. Product dyeing: green.	FORD WSS-M2C204-A2	HYUNDAI 00232-19017 OPEL B 040 2012 VW TL 52 146.01 (G 004 000)	AUDI/VW G 004 012 FIAT 9.55550-SA1 PORSCHE 000 043 206 56 PORSCHE 000 043 305 74 SAAB 93160548 VOLVO 30741424 LAND ROVER LR003401
	6 x 1 L (Tin), 20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
TITAN CHF 5364 B	Premium Performance Central Hydraulic Fluid approved by Mercedes-Benz for level control systems in passenger cars formulated with fully-synthetic base oils. Product dyeing: none.	–	MB-APPROVAL 344.0	–
	6 x 1 L (Tin), 205 L (Drum)			
TITAN LHM+	Ultra High Performance Central Hydraulic Fluid for use in the comfort and safety area of PSA vehicles. Product dyeing: green-yellow.	–	PSA B71 2710	IVECO 18-1823 CNH MAT 3630 NH 610A SDFG OF1611S
	6 x 1 L (Tin), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Specialties

TITAN

Product name	Description	Specifi-cations	Approvals	FUCHS Recommendations
		Central Hydraulic / Power Steering Fluids		
TITAN PSF	High Performance Power Steering Fluid approved by Mercedes-Benz for passenger cars and commercial vehicles. Product dyeing: none.	–	DTFR 38B100 (MB 236.3)	–
	6 x 1 L (Tin), 205 L (Drum), 1.000 L (IBC), Tank Truck			

Specialties

FUCHS BluEV



Product name	Description	Specifications	Approvals	FUCHS Recommendations
Dedicated Hybrid Transmission Fluid (DHTF)				
FUCHS BluEV DHTF 9	Premium Performance Dedicated Hybrid Transmission Fluid specially developed for Hofer hybrid wet dual clutch transmissions as installed in McLaren hyper sports cars.	–	–	McLaren 8ESSG
	20 L (Canister)			
Electric Driveline Fluids (EDF)				
FUCHS BluEV EDF 7005 Advanced Circular Technologies	Premium Performance Electric Driveline Fluid based on the sustainable FUCHS Advanced Circular Technology (ACT) for direct cooled E-motors. Provides heavily increased efficiency compared to current market products.	–	–	**TESLA EDF-2 (1616951-04-A) TESLA KAF 1 (1646886-04-A)**
	12 x 1 L (Bottle), 20 L (Canister), 205 L (Drum)			
FUCHS BluEV EDF 6535	Premium Performance Electric Driveline Fluid for E-axles with dry E-motor. Provides high efficiency potential for increased driving range and additionally lowering CO_2 footprint.	–	–	–
	20 L (Canister)			
FUCHS BluEV EDF 5930	Premium Performance Gear Oil specifically for use in hybridized drive trains in commercial vehicles. Developed for the longest oil drain intervals.	–	MAN M 3703 **SCANIA STO EV**	–
	20 L (Canister)			

Performance upgrades in Specifications, Approvals and FUCHS Recommendations are highlighted in bold.

Specialties

FUCHS BluEV

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Dielectric Thermal Fluid (TF)			
FUCHS BluEV TF 9136 NEW	Premium Performance Dielectric Thermal Fluid (TF) for direct cooled electric motors.	–	–	–
	20 L (Canister), 205 L (Drum), 1.000 L (IBC), Tank Truck			
FUCHS BluEV TF 9262	Premium Performance Dielectric Thermal Fluid (TF) for direct battery cooling.	–	–	–
	20 L (Canister), 205 L (Drum)			

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
			E-Motor					
FUCHS BluEV EMG SP 2 NEW	KPHC 2 N-40 ISO-L-X-DFEB	Polyurea PAO	–	2	62	-40 / +160	–	Lubrication of high-speed electric motors, but also for industrial applications like hot-air blowers, spindle bearings, tumble dryers, black-rubber mixers, paper industry dryers, calander bearings, etc.
	18 kg (Bucket)							

This is not an e-car.

This is our way of ***MOVING YOUR WORLD***

We engineer lubricant solutions for technologies like e-mobility that move our world forward.

So, how can we move you?

FUCHS



Specialties



Product name	Description	Specifications	Approvals	FUCHS Recommendations
Biodegradable Engine Oil				
PLANTO MOT SAE 10W-40	Low-ash diesel engine oil for modern diesel engines. Biodegradable and especially recommend for use with alternative diesel fuels.	–	DEUTZ DQC IV-18 LA	ACEA E9, E7, E6 API CK-4 CAT ECF-3 CUMMINS CES 20086 DETROIT DIESEL 93K222 JASO DH-2 MACK EOS-4.5 MAN M 3271-1 MAN M 3477 MB 228.51 MTU TYPE 3.1 RENAULT RLD-3/RLD-4 VOLVO VDS-4.5
	20 L (Canister)			
Biodegradable Multifunctional Oil (UTTO)				
PLANTO HYTRAC PLUS	Biodegradable Premium Performance Multifunctional Oil (UTTO) for tractor gearboxes with or without wet brakes.	SAE J300: 10W-30 SAE J306: 80	–	API GL-4 CASE MS 1207, 1209 FORD M2C134-D JOHN DEERE JDM J20C NH 410B MASSEY FERGUSON CMS M1127, 1135, 1143 HLP/HVLP ISO VG 32, 46, 68, 100 according to DIN 51 524-2 /-3
	20 L (Canister), 205 L (Drum)			

PLANTO

Product name	Description	Density at 15 °C kg/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour-point °C	Main application area
Environmentally Friendly Hydraulic and Lubricating Oils								
PLANTOSYN 3268 ECO	PLANTOSYN 3268 ECO – hydraulic oil based on synthetic esters with additives to increase ageing stability. Biodegradable acc. to OECD 301 B >60%. High wear protection. Surpasses the requirements acc. to ISO 15380: HEES DIN 51524-3: HVLP (except: Dry TOST test). Awarded the EU Ecolabel. (EEL)	920	300	47	9.5	191	-45	Universally recommended for hydraulic systems from -30 °C to +90 °C (oil sump temperature). The changeover guidelines according to DIN ISO 15380 must be observed. Approved by FENDT KDM 28/2006
	20 L (Canister), 205 L (Drum), 1000 L (IBC), Tank Truck							
PLANTOSYN 3268	PLANTOSYN 3268 is a biodegradable hydraulic and lubricating oil based on fully saturated synthetic esters. Biodegradable acc. to OECD 301 B >60%. High wear protection, good elastomer and yellow metal compatibility, very good oxidation stability. Surpasses the requirements on hydraulic oils acc. to ISO 15380: HEES and DIN 51524-3: HVLP (except: Dry TOST test). Awarded the EU Ecolabel (EEL).	913	290	46	8.2	154	-36	Suitable for all mobile and stationary hydraulic systems for which the use of a rapidly biodegradable HEES hydraulic oil according to DIN ISO 15380 is recommended (e.g. in agriculture and forestry). Can be used where unsaturated, synthetic esters have failed. Extension of oil changing intervals possible. Oil sump temperature: -30 °C to 100 °C. Observe DIN ISO 15380 when making changeovers. Approved by: MANNESMANN REXROTH Sauer SUNDSTRAND FENDT KDM 28/2006, O&K Baumaschinen Recommended for CAT BF-1, KRAMER ALLRAD; PLAFINGER; SAUER DANFOSS; TIMBERJACK; VALMET/ KOMATSU; FOREST; PONSSE
	20 L (Canister), 205 L (Drum), 1000 L (IBC), Tank Truck							
PLANTO TAC 68	Biodegradable high-performance chain saw oil based on rapeseed oils. Excellent lubrication behaviour, good ageing resistance.	924	>270	68	12.0	216	-39	For the professional use in chain saws. Recommendations: Husqvarna, Stihl, Solo, Dolmar
	4 x 5 L (Bottle), 205 L (Drum)							

Specialties

TITAN



Product name	Description	Density at 15 °C kg/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour-point °C	Main application area
Multigrade Hydraulic Oils								
TITAN HYD MR 530 MC	Ultra High Performance multigrade hydraulic oil for working machines (construction machines) as well as other automotive passenger car applications. Fulfils and surpasses the requirements on hydraulic oils HVLPD acc. to DIN 51524-3 (except: detergend / dispersant) HVLPD covers SAE 5W until 30 resp. ISO VG 32 until 68 (100).	854	240	46	8.1	150	-42	For application in working machines (construction machines) as well as other automotive vehicles.
	60 L (Drum), 205 L (Drum), Tank Truck							
TITAN HYD 1030	High Performance multigrade hydraulic oil for general machinery and motor vehicle applications. Fulfils and surpasses the requirements on hydraulic oils HVLP acc. to DIN 51524-3 resp. HV acc. to ISO 11158.	868	240	68	11.0	153	-36	For application in hydraulic systems in vehicles and working machines. Approved for Denison HF0. Recommended for CASE MS 1216.
	20 L (Canister), 205 L (Drum), Tank Truck							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; PU: Polyurea; Synth. NaX: Synthetic sodium complex; PFPE: Perfluorpolyether

RENOLIN

Product name	Description	Density at 15 °C kg/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour-point °C	Main application area
Hydraulic and Industrial Gear Oils								
RENOLIN Xtreme Temp 46	Universal, high-performance hydraulic oil with high viscosity index and excellent shear stability (VI ≥ 180). Based on special hydrogenated base oils, very good ageing behaviour, long lifetime, excellent corrosion protection and very good zinc-containing wear protection for high pressure - good demulsifying properties. Fulfils and surpasses: DIN 51524-3: HVLP ISO 6743-4: HV ISO 11158: HV	853	230	48	9.3	180	-42	Universal high-performance multigrade hydraulic oil for stationary and mobile hydraulic systems, improved efficiency, increasing oil change intervals. Multigrade characteristics through high, shear-stable viscosity index. Energy and fuel saving through high volumetric efficiency. Approvals: Denison HF0, HF1, HF2 Bosch Rexroth RD90235 and RDE90245
RENOLIN Xtreme Temp 46 PLUS	As RENOLIN Xtreme Temp 46, but with additives which help to avoid stick-slip phenomena. For high-pressure applications; reduce friction especially in mixed friction conditions DIN 51524-3: HVLP(D) ISO 6743-4: HV	855	234	48	9.3	181	-34	Slightly detergent, HVLP(D) high performance multigrade hydraulic oil for stationary and mobile hydraulic systems surpass HVLPD acc. to DIN 51524-3, wide temperature window, excellent shear stability. Helps to avoid stick-slip problems, especially at low speed and high load. Energy and fuel saving through high volumetric efficiency.
RENOLIN UNISYN XT 220 (20 x 1 L)	Fully-synthetic industrial gear oils based on new, innovative polyalphaolefins with very high, natural, shear stable viscosity index and excellent low temperature behaviour. Excellent wear protection, high micropitting resistance and very good corrosion protection. RENOLIN UNISYN XT oils exceed the requirements on industrial gear oils CLP-HC acc. to DIN 51517-3, ISO 6743-6, ISO 12925-1: CKC, CKD, CKE, CKSMP and AGMA 9005/E02: EP.	860	242	220	29.4	174	-42	Suitable for the lubrication of gears and bearings. For the use in applications with high requirements on wide temperature range. Extremely low viscosity at low temperatures. ISO VG 220 and 320 for wind turbine applications. Approved by leading gear box manufacturers. **Based on mPAO**
RENOLIN UNISYN XT 320		860	242	320	40.2	179	-42	
RENOLIN UNISYN XT 460		860	242	460	54.5	188	-42	

Specialties

RENISO



Product name	Description	Density at 15 °C kg/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour-point °C	Main application area
RENISO PAG – Fully Synthetic Refrigeration Oils based on Polyalkylene Glycols (PAG) for Car A/C Systems								
RENISO PAG 46 (on request)	**RANGE RENISO PAG** Synthetic refrigeration oils **based on special polyalkylene glycols (PAG)** for automotive air conditioning units with R134a. Also suitable for hydrocarbon applications. DIN 51503: KAB, KD, KE.	992	240	55	10.6	187	-45	Refrigeration oils based on polyalkylene glycols for application with the refrigerant R134a used in car and truck air conditioning systems (A/C systems). RENISO PAG 100 is especially suitable for vane compressors. RENISO PAG 46 and PAG 100 can be used together with hydrocarbon refrigerant and ammonia. **Based on polyglycol**
RENISO PAG 100 (on request)		996	240	120	21.0	202	-45	
RENISO PAG 1234	Synthetic refrigeration oil **on the basis of double end-capped polyalkylene glycols (PAG).** For vehicle a/c systems with R1234yf. Also suitable for R134a. DIN 51503: KD.	993	224	44	9.8	218	-45	RENISO PAG 1234 has been newly developed for car air conditioning systems with R1234yf. The product combines both good miscibility properties and high thermo-chemical stability in contact with the refrigerant. Basic fluid and additivation of RENISO PAG 1234 guarantee best lubrication properties and wear protection. **Based on polyglycol**
RENISO ACC HV – Fully Synthetic Refrigeration Oil based on Polyalkylene Glycols (PAG) for CO_2 A/C Systems								
RENISO ACC HV	Synthetic refrigeration oil **based on special, double end-capped PAGs** for transcritical CO_2 application. Especially developed for automotive A/C sytems. DIN 51503: KB.	991	229	68	14.0	216	-45	RENISO ACC HV was developed in close collaboration with leading compressor manufacturers and OEMs specific for CO_2 air conditioning systems in vehicles. RENISO ACC HV is based on chemical and thermal extremely stable double end-capped PAG fluids with efficient additivation – especially with regard to wear protection. **Based on polyglycol**

= 250 ml and/or 1 L (Tin), = 20 L (Canister), = 205 L (Drum), = 1000 L (IBC), = Tank Truck

CARBAFLO



Product name	Description	Density at 20 °C kg/m³	Flash point Clev. °C	Kin. visc. at 40 °C mm²/s	Kin. visc. at 100 °C mm²/s	VI	Pour-point °C	Main application area
FUCHS Special Applications – Lubricants for Noise Reduction								
CARBAFLO KSP 105 Packages on request	Perfluorinated high-performance lubricating fluids	1700	–	148	18	135	-42	Reduce mechanical noise due to stick-slip effects in the passenger compartment of cars, e.g. leather creaking, squeaking of the instrument panel and interior trim. The version CARBAFLO KSP 105-80 offers increased creeping ability when the product is applied. Operating temperature: -40 to +200 °C **Base oil: fully synthetic**
CARBAFLO KSP 105 SPRAY (20 x 100 ml)		1700	–	160	18	135	-42	
CARBAFLO KSP 105 Packages on request		1700	–	148	18	135	-42	
CARBAFLO XTR 5F Packages on request	Perfluorinated high-performance lubricating fluid including UV-tracer	1900	–	174	34	242	-63	After the evaporation of the carrier liquid a thin, anti-squeak-effective film remains which can be detected on any surface by a UV lamp. Used to avoid squeaking noise in the vehicle interior and for sealing systems. Operating temperature: -40 to +220 °C **Base oil: fully synthetic**
CARBAFLO XTR 5F SPRAY (20 x 100 ml)		1900	–	174	34	242	-42	
CARBAFLO XTR 5F 80 Packages on request	Perfluorinated high-performance lubricating fluid including UV-tracer	1900	–	174	34	242	-63	After the evaporation of the carrier liquid a thin, anti-squeakeffective film remains which can be detected on any surface by a UV lamp. Used to avoid squeaking noise in the vehicle interior and for sealing systems. The CARBAFLO XTR 5F 80 version offers increased creeping ability when the product is applied. Operating temperature: -54 to +220 °C **Base oil: fully synthetic**

Density Specification at 20 °C

= Spray Can, = 20 L (Canister), = 205 L (Drum), = 1000 L (IBC), = Tank Truck

Greases



Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil visc. at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
***FUCHS* Special Applications – Rapidly Biodegradable Greases**								
PLANTOGEL ECO 0 N *NEW* Advanced Circular Technologies	ISO-L-XB(F)BEA 0	Calcium Rape seed oil	–	0	36	-20 / +80	–	Rapidely biodegradable semi-fluid grease for lubrication of stone saws and as lubricating grease, e.g. for lock gates or in agriculture and forestry.
	180 kg (Drum)							
PLANTOGEL ECO 1 N Advanced Circular Technologies	ISO-L-XB(F)BEA 1	Calcium Rape seed oil	–	1	36	-20 / +80	EU Ecolabel DE/027/273	Rapidly biodegradable lubricating grease, e.g. for lock gates or in agriculture and forestry.
	18 kg (Bucket)							
PLANTOGEL ECO 2 N Advanced Circular Technologies	ISO-L-XB(F)BEA 2	Calcium Rape seed oil	–	2	36	-20 / +80	EU Ecolabel DE/027/273 Herrenknecht	
	12 x 0.4 kg (Pull-Off Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; Synth. NaX: Synthetic sodium complex; PAO: Polyalphaolefine; PFPE: Perfluorpolyether

PLANTO

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil visc. at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
***FUCHS* Special Applications – Rapidly Biodegradable Greases**								
PLANTOGEL ECO 000 S Advanced Circular Technologies	–	Li/Ca Synth. ester	–	00-000	56	-40 / +120	–	Rapidly biodegradable semi-fluid grease for lubrication of plain and roller bearings in commercial vehicles and construction machinery with cen-tral lubrication systems. Also for gear systems which are exposed to low to medium loads.
	18 kg (Bucket)							
PLANTOGEL ECO 2 FS Advanced Circular Technologies	–	Li/Ca Synth. ester	•	2	195	-30 / +120	–	Rapidly biodegradable EP multipur-pose grease with solid lubrications for lubrication of plain and roller bearings, e.g. commercial vehicles and construc-tion machinery.
	18 kg (Bucket), 180 kg (Drum)							
PLANTOGEL ECO 2 S Advanced Circular Technologies	ISO-L-XD(L)CEB 2	Li/Ca Synth. ester	–	2	105	-40 / +120	EU Ecolabel DE/027/273 Herren-knecht	Rapidely biodegradable EP multipur-pose grease for plain and roller bea-ring lubrication, e.g. water turbines, construction machinery or in agricul-ture and forestry. Good pumpability in central lube systems. Also used in labyrinth seals of tunnel boring machines.
	12 x 0.4 kg (Pull-Off Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
PLANTOGEL ECO 402 S Advanced Circular Technologies	ISO-L-XD(F)BFB 2	Li/Ca Synth. ester	–	2	240	-40 / +120	EU Ecolabel DE/027/273	Rapidely biodegradable EP multipur-pose grease for plain and roller bea-ring lubrication, e.g. water turbines, construction machinery or in agricul-ture and forestry. Good pumpability in central lube systems.
	18 kg (Bucket)							

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases in Spray Cans or Rattle Cans								
DUOTAC ZAHNRADSPRAY	–	Wax Mineral oil	•	–	–	-20 / +150*	–	Dry, tenacious lubricating film. Open gears, gear rims, racks, chains, outer lubrication of wire ropes in crane installations, excavators, agricultural machines, rack and pinion railways; to be applied in cold condition, for open toothed-wheel gearing, transportation and conveying systems in the metallurgical industry and roller mills, lubrication/conservation of drag ropes and chains, e.g. in non-metallic mineral processing, solid lubricating film up to +300 °C; Bitumen-free special lubricant with graphite.
12 x 400 ml								
PBC 1574 SPRAY	–	Inorg. thickener Mineral oil	•	2-3	–	-20 / +160* +1200 (dry lubrication)	–	PBC 1574 is used for the prevention of seizures on screw threads, linkages, pivots, flanges and mating surfaces subject to high temperatures, fretting corrosion, salt water and aggressive environmental media. The product is used to lubricate brake callipers and prevent corrosion of disc brakes. PBC 1574 is not electrically conductive and does not affect the sensors of ABS systems.
12 x 300 ml (Spray Can)								
RENOLIT CA-LZ SPRAY (Grease: RENOLIT CA-LZ)	–	Calcium Mineral oil	–	2	700	-30 / +120*	–	Strongly adhesive, protects from wear even under extreme conditions, very resistant to water wash-out from metallic surfaces, long-term lubrication of passenger cars and commercial vehicles, construction industry, industrial and agricultural machines.
12 x 400 ml								

* After evaporation solvent

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; Synth. NaX: Synthetic sodium complex; PAO: Polyalphaolefine; PFPE: Perfluorpolyether

CARBAFLO, GLEITMO, RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
FUCHS Special Applications – Greases in Spray Cans or Rattle Cans								
CARBAFLO 2160 SPRAY (Grease: CARBAFLO 2160)	–	Synth. oil	•	2	310	-60 / +260*	–	CARBAFLO 2160 is a white, almost transparent high-temperature paste for the lubrication of bearings, slide rails or plug-in contacts. It is resistant to most lyes and acids, features excellent EP properties and acts as electric insulator. The low evaporation rate of the base oil guarantees extended relubrication intervals. Properly applied, CARBAFLO 2160 guarantees a lifetime lubrication of sensitive slide rails and adjusting mechanisms like in sunroofs.
	12 x 100 ml							
GLEITMO 165 SPRAY (Grease: GLEITMO 165)	–	Synth. base oil	•	1-2	–	-40 / +1200*	VW, Volvo Car Germany	For lubrication of turbine bolts, high-temperature screws and for lubrication of bolts, slide rings, sliding rails at high temperatures. No formation of oxide layers.
	12 x 400 ml (Spray Can)							
GLEITMO WSP 5040 SPRAY (Grease: GLEITMO WSP 5040)	–	CaSX semi-synth. base oil	•	2	170	-20 / +140* +1200*	COLUMBUS McKINNON Engineered Products (Pfaff-silberblau), NEUERO Industrietechnik für Förderanlagen, Sandvik, Thyssen-Krupp Steel Europe	For machine elements of all types subjected to extreme pressures, shock loads and oscillatory move-ments. It is particularly appropriate if the surrounding area is subject to high humidity or the effects of splash water. For sliding pairings, which have a tendency to stick slip and scuffing (fretting). At low sliding speeds and high pressures as well as where fretting corrosion is present. Application as a high-temperature screw paste up to +1,200 °C.
	12 x 400 ml (Spray Can)							
RENAX GLEITSPRAY (Grease: RENOLIT GL 1)	–	Lithium Semi-synth. base oil	–	1	–	-30 / +140*	–	Very adhesive, noise-suppressing, reduces friction and wear, protects from corrosion. Suitable for plain and roller bearings and for gear boxes, bowden cables, guide rails, sun roofs, etc.
	12 x 400 ml							

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Assembly Pastes								
PBC 1574	–	Inorg. thickener Mineral oil	•	2-3	–	-20 / +160 / +1200 (dry lubrication)	–	PBC 1574 is used for the prevention of seizures on screw threads, linkages, pivots, flanges and mating surfaces subject to high temperatures, fretting corrosion, salt water and aggressive environmental media. The product is used to lubricate brake callipers and prevent corrosion of disc brakes. PBC 1574 is not electrically conductive and does not affect the sensors of ABS systems.
	100 x 5.5 g (Pillow), 10 x 0.1 kg (Tube), 12 x 0.225 kg (Tin), 12 x 0.4 kg (Pull-Off Cartridge), 6 x 1 kg (Tin), 5 kg (Bucket), 18 kg (Bucket)							
***FUCHS* Special Applications – Assembly Pastes**								
GLEITMO 165	–	Synth. base oil	•	1-2	–	-40 / +1200	VW, Volvo Car Germany	For lubrication of turbine bolts, high-temperature screws and for lubrication of bolts, slide rings, sliding rails at high temperatures. No formation of oxide layers.
	6 x 1 kg (Tin), 5 kg (Bucket), 25 kg (Hobbock)							
GLEITMO SIL 300 M	MSI2P-70	Lithium Silicone oil	–	2	75	-70 / +160	DBL 6812.10 VW TL 767 X	Low temperature grease for electric and electronic equipment, precision machines, sealing grease for radial waves sealing rings, groove rings, sealing-rings; lubrication of sealing bellows.
	6 x 0.1 kg (Tube), 1 kg (Tin), 5 kg (Bucket), 18 kg (Bucket)							
GLEITMO WSP 5040	–	CaSX Semi-synth. base oil	•	2	170	-20 / +140 / +1200	COLUMBUS McKINNON Engineered Products (Pfaff-silberblau), NEUERO Industrietechnik für Förderanlagen, Sandvik, ThyssenKrupp Steel Europe	For machine elements of all types subjected to extreme pressures, shock loads and oscillatory movements. It is particularly appropriate if the surrounding area is subject to high humidity or the effects of splash water. For sliding pairings, which have a tendency to stick slip and scuffing (fretting). At low sliding speeds and high pressures as well as where fretting corrosion is present. Application as a high-temperature screw paste up to +1,200 °C.
	24 x 0.1 kg (Tube), 12 x 0.4 kg (Pull-Off Cartridge), 12 x 0.5 kg (SR-Cartridge), 6 x 1 kg (Tin), 5 kg (Bucket), 18 kg (Bucket), 200 kg (Drum)							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; Synth. NaX: Synthetic sodium complex; PAO: Polyalphaolefine; PFPE: Perfluorpolyether

FUCHS BluEV, GLEITMO, RENOLIT

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases – Automotive Applications								
FUCHS BluEV EMG SP 2 ***NEW***	KPHC 2 N-40 ISO-L-X-DFEB	Polyurea PAO	–	2	62	-40 / +160	–	Lubrication of high-speed electric motors, but also for industrial applications like hot-air blowers, spindle bearings, tumble dryers, black-rubber mixers, paper industry dryers, calander bearings, etc.
	18 kg (Bucket)							
RENOLIT CA-LZ (Spray can: RENOLIT CA-LZ SPRAY)	KP2K-30 ISO-L-XC(F)CHB 2	Calcium Mineral oil	–	2	700	-30 / +120	–	Strongly adhesive, protects from wear even under extreme conditions, very resistant to water wash-out from metallic surfaces, long-term lubrication of passenger cars and commercial vehicles, construction industry, industrial and agricultural machines.
	20 x 0.4 kg (Pull-Off Cartridge), 12 x 0.5 kg (SR-Cartridge),18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT CX-HT 2	–	CaSX Mineral oil	•	2	400	-20/ +180	–	Lubrication of high loaded, low speed plain and roller bearings, e.g. for kiln cars, construction machinery, steel mills, coal and ore mills.
	12 x 0.5 kg (SR-Cartridge), 18 kg (Bucket), 180 kg (Drum)							
RENOLIT CXI 2	–	CaSX Mineral oil	–	2	400	-20 / +160	–	Lubrication of high loaded, low speed plain and roller bearings and can be applied when the grease has to meet high demands on corrosion protection and working stability. Typical applications are plain and roller bearings in steel mills, paper industry, mining, concrete industry, quarries and construction equipment.
	12 x 0.4 kg (Pull-Off Cartridge), 0.5 kg (SR-Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT FLM 0	–	Lithium Mineral oil	•	0	100	-30 / +120	–	For mechanically loaded lubricating points, grease with MoS_2 and addi-tives to improve corrosion protection, EP and AW.
	180 kg (Drum)							
RENOLIT FLM 2	KPF2N-30 ISO-L-XC(F)DEB 2	Lithium Mineral oil	•	2	100	-30 / +140	MAN 285 LI-PF 2	For mechanically loaded lubricating points, grease with MoS_2, agricultural machines, commercial vehicles, construction industry, quarries and mining, rubber and concrete factory.
	12 x 0.4 kg (Pull-Off Cartridge), 12 x 0.5 kg (SR-Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT LX 1	–	Li-X Mineral oil	–	1	160	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses.
	12 x 0.4 kg (Pull-Off Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							

Greases

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases – Automotive Applications								
RENOLIT LX 2	–	Li-X Mineral oil	–	2	160	-30 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses, wheel bearings of commercial vehicles, machine tools.
	12 x 0.4 kg (Pull-Off Cartridge), 12 x 0.5 kg (SR-Cartridge),18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT LX 3	–	Li-X Mineral oil	–	3	160	-20 / +160	–	Roller bearings, electric motor bearings, coupling bearings in the automotive sector, construction machines, forging presses, wheel bearings of commercial vehicles.
	12 x 0.4 kg (Pull-Off Cartridge), 18 kg (Bucket), 180 kg (Drum)							
RENOLIT LX-PEP 2	KP2N-30 ISO-L-XC(F)DEB 2	Li-X Mineral oil	–	2	170	-30 / +150	MAN 284 Li-H2, MB Approval 265.1, ZF TE-ML 12, Schaeffler Gruppe, VW TL 52 147 X, Interprecise (IDC-Bearings), Deutsche Bahn	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, needle bearings of cardan shafts, plain and roller bearings, ventilator grease.
	12 x 0.4 kg (Pull-Off Cartridge), 12 x 0.5 kg (SR-Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT LX-PEP 3	KP3N-30 ISO-L-XC(F)DEB 3	Li-X Mineral oil	–	3	170	-30 / +150	Interprecise (IDC-Bearings)	Multipurpose grease, wheel bearings of motor vehicles, roller bearings of e-motors, plain and roller bearings, ventilator grease.
	18 kg (Bucket), 180 kg (Drum)							
RENOLIT LZR 000	GP00-000G-40	Li/Ca Mineral oil	–	00-000	43	-40 / +110	MB Approval 264.0 MAN 283 LI-P 00/000	Semi-fluid grease for central lubricating systems of commercial vehicles.
	3 x 5 kg (Bucket), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT LZR 2 H	KP2N-30 ISO-L-XC(F)DIB 2	Li/Ca Mineral oil	–	2	230	-30 / +140	Baier & Köppel	Premium multipurpose grease, long-term rust prevention, sealing grease, central lubricating systems, sugar refineries, roof tile factories, paper industry, prevent standstill corrosion, hytrel compatibel.
	12 x 0.4 kg (Pull-Off Cartridge), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT MP	KP2K-40 ISO-L-XD(F)CEB 2	Lithium Mineral oil	–	2	35	-40 / +120	DBL 6804.00 MB Approval 267.0	Multipurpose grease for lubricating points in passenger cars, commercial vehicles, engines, where constant temperature does not exceed 100 °C, sliding speeds are very low and which are not exposed to high mechanical loads.
	30 x 0.25 kg (Tube), 12 x 0.4 kg (Pull-Off Cartridge), 3 x 5 kg (Bucket), 18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; Synth. NaX: Synthetic sodium complex; PAO: Polyalphaolefine; PFPE: Perfluorpolyether

RENOLIT, *STABYL*

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
Greases – Automotive Applications								
RENOLIT MP 150	KP2K-40 ISO-L-XD(F)CEB 2	Lithium Mineral oil	–	2	150	-40 / +120	DBL 6804.50 MB Approval 267.1	Multipurpose grease for commercial vehicles. Daimler wheel bearing grease for workshop use.
	3 x 5 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT MP 735	KP2K-40 ISO-L-XD(F)CEB 2	Lithium Mineral oil	–	2	105	-40 / +120	VW TL 735 MAN 283 Li-P 2 Stabilus 100 15883	Multipurpose grease, roller and plain bearings in the chassis area
	18 kg (Bucket), 50 kg (Hobbock), 180 kg (Drum)							
RENOLIT MP PLUS	KP2K-30 ISO-L-XC(F)CEB 2	Lithium Mineral oil	–	2	100	-30 / +120	–	High quality EP multipurpose grease with high adhesiveness for the lubrication of plain and roller bearings. Only available in SR cartridges.
	12 x 0.5 kg (SR-Cartridge)							
STABYL LT 50	KPHC2N-50	Lithium Synth. oil	–	2	105	-50 / +130	FLSmidth MAAG Gear, IMO, Komatsu Mining Germany, Terex Germany, ThyssenKrupp Resource Technologies, ThyssenKrupp Rothe Erde	Lubrication of plain and roller bearings at low temperatures and high loads, e.g. of construction machinery, in the steel or chemical industry.
	12 x 0.38 kg (Pull-Off Cartridge), 6 x 1 kg (Can), 5 kg (Bucket), 18kg (Bucket), 45 kg (Hobbock), 50 kg (Hobbock), 180 kg (Drum)							

Greases

RENOLIT, *URETHYN*

Product name	Classification DIN 51502 ISO 6743-9	Thickener Base oil	Solid lubricants	NLGI grade	Base oil viscosity at 40 °C [mm²/s]	Temperature range [°C]	Approvals, recommendations	Main application area
FUCHS Special Applications – Automotive Applications								
RENOLIT JP 1619 BluEV TECHNOLOGY	–	Lithium Synth. base oil	–	1	25	-50 / +120	DBL 6804.70 VW TL 52 168 Dana Spicer Bosch MAN	EP-grease with additive for improve corrosion protection, ageing resistance and adhesiveness, lubrication of friction points requiring very good sliding behaviour, low start-up resistance, also at low temperature, e.g. rack and pinion steerings, prop shafts, high-speed bearings
	10 x 1 kg (Can), 18 kg (Bucket), further packages on request							
RENOLIT LX-OTP 2	–	Li-X Polyglycol	•	1-2	360	-40 / +160	MAN	Lubrication of MAN knuckle pins.
	12 x 0.4 kg (Pull-Off Cartridge)							
RENOLIT POLAR BLACK	–	Lithium PAO	•	1-2	340	-50 / +140	–	Fully synthetic heavy duty all-season grease with solid lubricants for plain and roller bearings of construction machines and mining vehicles exposed to changing ambient temperatures.
	180 kg (Drum)							
URETHYN XHD 2	KPFH-C2R-40	Polyurea Synth. base oil	•	2	290	-40 / +180	–	Smooth, fully synthetic polyurea grease for extreme conditions, such as alternating speeds, temperatures and loads. URETHYN XHD 2 is especially suitable for bearings of large-size generators of wind turbines and thermally and mechanically highly loaded bearings in various industrial applications.
	12 x 0.4 kg (Pull-Off Cartridge), 4 x 3.540 kg (Cartridge), 5 kg (Bellow), 5 kg (Bucket), 18 kg (Bucket), 25 kg (Hobbock), 185 kg (Drum)							

Ca-X: Calcium complex; CaSX: Calcium sulfonate complex; Li/Ca: Lithium/Calcium; Li-X: Lithium complex; Synth. NaX: Synthetic sodium complex; PAO: Polyalphaolefine; PFPE: Perfluorpolyether

Specialties

RENOCLEAN



Product name	Function	Comments	Materials	Corrosion protection, chip/filter test 0/0 at x% in y °dH or flash point in °C	pH (2%), if applicable	Concentration range in %	Temperature range in °C	Spray pressure in bar to app.	Density at 15 °C in kg/m³
Assembly Aids									
RENOCLEAN GXS 9055	Assembly aids, ready for use, synthetic (ex PENTOSIN MONTAGEFLUID 55)	Aid for the assembly of various components. Compatible with all common lubricants and corrosion protection agents based on mineral, HC synthetic or synthetic oil as well as fuels	–	≥ 150	–	100	Room temperature (15 - 30)	–	897 ± 10
	20 L (Canister)								
Neutral Cleaner									
RENOCLEAN MTO 3001	Multi-metal capable neutral cleaner for spray and immersion applications	Suitable for ultrasonic, universal use, e.g. before heat treatment, sprayable from ~ 45 °C, very low residue formation, salt-free	Fe, Al, red brass, (Zn, Cu, Ms, Plastics)[1]	Temporarily, '2% / in DI water	9.5 ± 0.4	2.5 (1 - 7)	60 (30 - 80)	15	1035 ± 15
	20 L (Canister), 205 L (Drum)								

Fe – steel, iron, cast iron and stainless steel
1 – to check first

Specialties

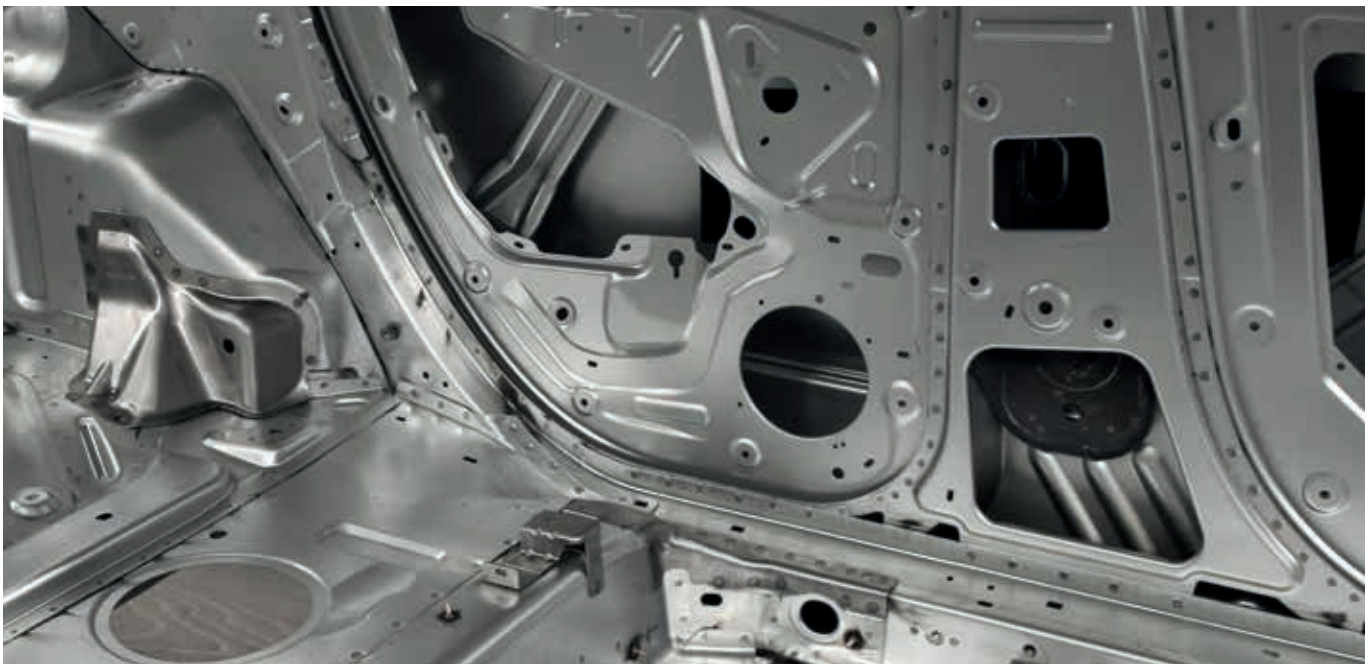
Product name	Function	Comments	Materials	Corrosion protection, chip/filter test 0/0 at x% in y °dH or flash point in °C	pH (2%), if applicable	Concentration range in %	Temperature range in °C	Spray pressure in bar to app.	Density at 15 °C in kg/m³
Special Products									
RENOCLEAN GXA 3004	Floor, plant and hall cleaners	For all manual and mechanical applications, odourless, especially suitable for floor cleaning equipment	All materials[1]	–	9.1 ± 0.6 (100%)	3 (1 - 20)	20 (20 - 90)	–	1047 ± 15
	20 L (Canister), 1000 L (IBC)								
RENOCLEAN SPEZIAL 2000	Emulsifying universal cleaner for immersion, ultrasonic and manual cleaning of commercial vehicles, tarpaulins, halls and workshops	For all manual cleaning, for immersion, suitable for steam jet and floor cleaning equipment. Specifications - FORD Tox-Number 150602 (2014) - Federal-Mogul Nürnberg GmbH, Release number R041 (2014)	Fe, Mg, (Al, Cu, Ms, Lacke, Plastics)[1]	–	10.9 ± 0.4 at 3%	5 (1 - 20)	35 (20 - 80)	–	1045 ± 20
	5 L (Canister), 20 L (Canister), 205 L (Drum), 1000 L (IBC)								
RENOCLEAN GXA 4014	Universal cleaner for floors, halls and vehicle fleet	For mechanical and manual cleaning of workshop, vehicle fleet, etc. Contains lime scent	Fe, Mg, (Al, Cu, Ms, Lacke, Plastics)[1]	–	11.7 ± 0.5 (1%)	3 (1 - 20)	20 (20 - 80)	–	1036 ± 15
	20 L (Canister)								

Fe – steel, iron, cast iron and stainless steel
1 – to check first

RENOCLEAN

Product name	Function	Comments	Materials	Evaporation number approx. Ether = 1	Flash point in °C	Boiling range in °C	Density at 15 °C in kg/m³
			Solvents				
RENOCLEAN MVS 9004	VOC-compliant, aromatics-free hydrocarbon cleaner	Universal application, slowly evaporating. Simple application, e.g. for the removal of car wax preservative. VW-Approval A29 2819	All materials, plastics[1]	900	≥ 86	217 - 255	815 ± 20
	20 L (Canister), 205 L (Drum), 1000 L (IBC)						
RENOCLEAN MVS 8202 NEW Advanced Circular Technologies	Sustainable hydrocarbon cleaner, isoparaffin-based, suitable for multi-metals	Completely bio-based on a mixture of palm oil, rapeseed oil, sunflower oil or used cooking oil.	All materials, plastics[1]	~130	≥ 60	180 - 218	752 ± 15
	205 L (Drum)						
RENOCLEAN MVS 8201	Low-aromatic hydrocarbon cleaner, environmentally friendly, demulsifying	Universal application in industry and trade, applicable with steam jet, good corrosion protection properties. Free of corrosive and caustic substances	All materials, plastics[1]	120	≥ 61	180 - 330	770 ± 20
	60 L (Drum)						

Specialties

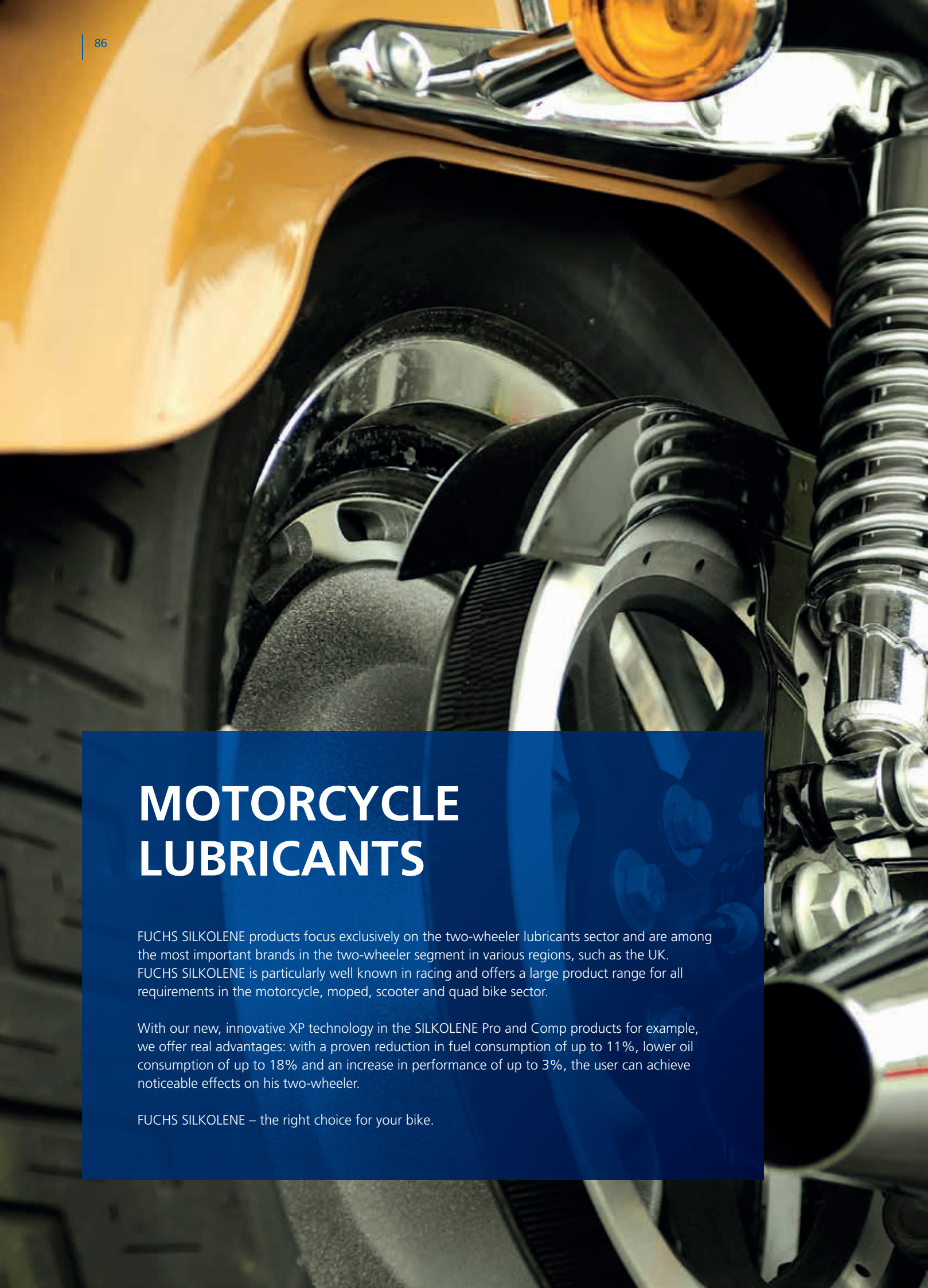


Product name	Description	Kin. visc. at 40 °C [mm²/s] DIN 51562	Density at 15 °C [KG/m³]	Con-sump-tion [l/m²]	Film weight [g/m²]	Shed storage [Mon.]	Hall storage [Mon.]
		Corrosion Preventives – Spraying Cans					
ANTICORIT 5F	Rust preventative spray forming a film with active water displacement	3.7 at 20 °C	813	–	2.5	6-12	12-24
	12 x 400 ml						
ANTICORIT BW 366	Solvent-based and durable high perfor-mance corrosion protection wax	FT 4mm nozzle = 60s	885	–	50	12-36	12-36
	12 x 400 ml						
ANTICORIT DFG	Rust preventative spray, after evaporation a highly viscous film is formed	8.5	851	–	5	3-6	6-12
	12 x 400 ml						
ANTICORIT RPC	Classic anti-corrosive oil and contact spray, multipurpose	84	887	–	5	6-12	6-24
	12 x 400 ml						
ANTICORIT CPX 3373	Solvent-free and durable high performan-ce corrosion protection coating; curing oxidatively	Dyn. visc. at 300 1/s = 350mPas	1050	–	50	>36	>36
	12 x 400 ml						
ANTICORIT SYNTH	Synthetic multipurpose oil	102	834	–	15	3-6	6-12
	12 x 400 ml						

ANTICORIT

Product name	Description	Kin. visc. at 40 °C [mm²/s] DIN 51562	Density at 15 °C [KG/m³]	Con-sump-tion [l/m²]	Film weight [g/m²]	Shed storage [Mon.]	Hall storage [Mon.]
Corrosion Preventives – Spraying Cans							
ANTICORIT RP 4107 S	Thixotropic corrosion protection oil, meets VDA 230-213	35	887	–	11	6-12	12-20
	12 x 400 ml						
DECORDYN 350	Solvent-based, high performance corro-sion protection wax, excellent multi-metal adhesion	FT - 4mm nozzle = 20s	920	–	50	12-36	12-36
	12 x 400 ml						

Check compatibility with critical alloys; • = Yes; – = No



MOTORCYCLE LUBRICANTS

FUCHS SILKOLENE products focus exclusively on the two-wheeler lubricants sector and are among the most important brands in the two-wheeler segment in various regions, such as the UK. FUCHS SILKOLENE is particularly well known in racing and offers a large product range for all requirements in the motorcycle, moped, scooter and quad bike sector.

With our new, innovative XP technology in the SILKOLENE Pro and Comp products for example, we offer real advantages: with a proven reduction in fuel consumption of up to 11%, lower oil consumption of up to 18% and an increase in performance of up to 3%, the user can achieve noticeable effects on his two-wheeler.

FUCHS SILKOLENE – the right choice for your bike.



Motorcycle Lubricants

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Motorcycle Lubricants

Product name	Description	Specifications	Approvals	FUCHS Recommendations
RACE Engine Oils – For professional racers and everybody who rides at the limit				
SILKOLENE PRO 4 SAE 5W-40 XP SAE 15W-50 XP	Premium Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle), 60 L (Drum)			
SILKOLENE PRO 4 SAE 10W-30 XP SAE 10W-40 XP	Premium Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle)			
SILKOLENE PRO 4 SAE 10W-50 XP	Premium Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle), 60 L (Drum), 205 L (Drum)			
SILKOLENE PRO 4 SAE 10W-60 XP	Premium Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	10 x 1 L (Bottle), 60 L (Drum), 205 L (Drum)			
SILKOLENE PRO KR2	Two-stroke race cart oil formulated with synthetic base oils and castor oil. Use manufacturer's recommended mixing ratios. Not miscible with other lubricants.	–	CIK-FIA	–
	10 x 1 L (Tin)			
SILKOLENE PRO 2	Fully-synthetic two-stroke racing engine oil. Specially formulated for extreme conditions. Not miscible with conventional two-stroke oils. Only suitable for Premix systems.	–	CIK-FIA	–
	10 x 1 L (Bottle)			
SILKOLENE COMP 2 PLUS	Fully-synthetic two-stroke racing engine oil. Perfect for GP racing engines. Suitable for Premix and Autolube systems.	API TC JASO FC/FD ISO-L-EGD	–	–
	10 x 1 L (Bottle)			

Silkolene®

Product name	Description	Specifications	Approvals	FUCHS Recommendations
RIDE Engine Oils – For the tourer and street rider				
SILKOLENE COMP 4 SAE 10W-30 XP SAE 10W-40 XP	Ultra High Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle)			
SILKOLENE COMP 4 SAE 15W-50 XP	Ultra High Performance 4-Stroke engine oil for all high performance motorcycles with latest XP Technology.	API SN	JASO MA2	–
	4 x 4 L (Bottle)			
SILKOLENE SUPER 4 SAE 10W-30 SAE 10W-40	MC-synthesis four-stroke engine oil. High-quality standard product offering excellent protection.	API SL	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle)			
SILKOLENE SUPER 4 SAE 20W-50	MC-synthesis four-stroke engine oil. High-quality standard product offering excellent protection.	API SL	JASO MA2	–
	10 x 1 L (Bottle), 4 x 4 L (Bottle), 205 L (Drum)			
SILKOLENE V-TWIN SAE 20W-50	Mineral four-stroke engine oil. Specially developed for Harley-Davidson and European/ Japanese Metric V-Twins.	API SL	JASO MA, MA2	–
	10 x 1 L (Bottle)			
SILKOLENE COMP 2	Synthetic two-stroke engine oil. Reliable protection against seizures, ring sticking and coking. Suitable for Premix and Autolube systems.	API TC JASO FC/FD ISO-L-EGD	–	–
	10 x 1 L (Bottle)			
SCOOT Engine Oils – The name says it all				
SILKOLENE SCOOT SPORT 2	Synthetic two-stroke engine oil for highly-stressed scooter engines. Suitable for Premix and Autolube systems.	API TC JASO FC/FD ISO-L-EGD	–	–
	10 x 1 L (Bottle)			
SILKOLENE SCOOT 2	MC-synthesis two-stroke engine oil for scooters and mopeds. Suitable for Premix and Autolube systems.	JASO FC ISO L-EGC	–	–
	10 x 1 L (Bottle)			

Motorcycle Lubricants

Product name	Description	Specifications	Approvals	FUCHS Recommendations
	Maintenance and protection for your bike			
SILKOLENE PRO SRG 75	Fully-synthetic, ester-based racing gear oil. Excellent protection against wear and easy shifting even at extreme temperatures.	–	–	–
	10 x 1 L (Bottle)			
SILKOLENE COMP GEAR	Synthetic, high-performance, ester-based gear oil. Particularly recommended when the gearbox contains aluminium components.	–	–	–
	10 x 1 L (Bottle)			
SILKOLENE MAG COOL	Ready to use, powerful engine coolant for all year round use. Anti-cavitation performance exceeds that of conventional ethylene glycol based anti-freezes, providing the user with superior protection against engine and coolant pump damage due to this phenomenon.	–	–	–
	10 x 1 L (Bottle)			
SILKOLENE RSF 2.5 / 7.5	Fully-synthetic shock-absorber fluids and special fork oils with a high viscosity index in different viscosity ranges. Specially developed for racing.	–	–	–
	10 x 1 L (Bottle)			
SILKOLENE RSF 5 / 10	Fully-synthetic shock-absorber fluids and special fork oils with a high viscosity index in different viscosity ranges. Specially developed for racing.	–	–	–
	10 x 1 L (Bottle), 20 L (Canister)			
SILKOLENE FOAM FILTER OIL	Advanced, low viscosity coating treatment designed to improve the efficiency of foam air filters. Developed to provide outstanding engine protection even in the most severe conditions.	–	–	–
	6 x 1 L (Bottle)			
SILKOLENE PRO CHAIN SPRAY	Fully-synthetic racing chain lube spray for high-performance road, racing and motocross applications. For all chains with or without O-rings.	–	–	–
	12 x 500 ml (Spray can)			
SILKOLENE TITANIUM DRYLUBE SP	Advanced chain lubricating gel: Effectively resists fling-off and appears whitish when applied.	–	–	–
	12 x 500 ml (Spray can)			
SILKOLENE CHAIN LUBE SPRAY	Synthetic chain lube spray for optimum wear and rust protection. For all motorcycle chains with or without O-rings.	–	–	–
	12 x 500 ml (Spray can)			
SILKOLENE PRO PREP SPRAY	Special conditioning spray for plastics and painted surfaces restores the „brand-new" look.	–	–	–
	12 x 500 ml (Spray can)			
SILKOLENE BRAKE & CHAIN CLEANER	Highly effective cleaner for brakes and drive chains. Effectively removes caked residue.	–	–	–
	12 x 500 ml (Spray can)			

Silkolene®

Product name	Description	Specifications	Approvals	FUCHS Recommendations
Maintenance and protection for your bike				
SILKOLENE WASH-OFF *NEW*	Highly effective cleaner for brakes and drive chains. Effectively removes caked residue.	–	–	–
	10 x 1 L (Bottle)			



FUCHS Smart Services

There’s more to lubrication than just oil

FUCHS Smart Services bring far more to the table than “just” a product. Instead, we combine performance fluids, digital technologies and a wide range of services for customized solutions. Solutions that do not only fit your individual processes perfectly but strive for improvement – along every step of the way and beyond.

At the very core of everything we do is a promise of reliability. We move your world – not just to keep things running at all times, but to improve your whole production process. To do so, we constantly look ahead and at the big picture. A holistic approach that encompasses ecological, social and economic aspects.



FUCHS Smart Services

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FUCHS Smart Services



Product name	Description	Technical data	Advantages
		Storage	
Spill Tray Barrel	Suitable for 2 x 205 L drums	▪ Collection volume: 205 litres ▪ Load capacity: 800 kg ▪ Material: steel, galvanized, blue powder-coated ▪ Dimensions: 815 x 1236 x 355 mm (L x W x H) ▪ Weight: 64 kg ▪ With grids, underneath accessible **Optional:** ▪ Other sizes on request	▪ Space-saving, compact storage of 2 drums ▪ Approved for storage of all hazard classes ▪ Removable grids for easy cleaning
Spill Tray IBC	Suitable for 1 x 1000 L IBC	▪ Collection volume: 1000 liters ▪ Load capacity: 2000 kg ▪ Material: steel, galvanized, blue powder-coated ▪ Dimensions: 1650 x 1350 x 710 mm (L x W x H) ▪ Weight: 215 kg ▪ With grids, underneath accessible **Optional:** ▪ 3-sided galvanized splash guard ▪ Drip tray with filling trestle ▪ Other sizes on request	▪ Space-saving, compact storage of 1 IBC ▪ Approved for storage of all hazard classes ▪ Removable grids for easy cleaning ▪ Add-on parts enable individualization ▪ Easy to move with forklift / pallet truck
Storage Tank Fresh Oil 1,500 L	Storage Liquids >55 °C flash point	▪ Curb weight: 133 kg ▪ Dimensions: 1630 x 760 x 1860 mm (L x W x H) ▪ Volume: 1500 liters ▪ Usable volume (95%): 1425 liters ▪ Material inside: HDPE ▪ Material: Galvanized steel sheet on the outside ▪ Number of openings: 4 pieces **Optional:** ▪ Other tanks and accessories on request	▪ Compact design, also suitable through doors ▪ Double-walled design ▪ Large volume for long-term security of supply
Waste Oil Tank 1,000 L	Filler neck, suction nozzle & suction pipe, vent nozzle, content viewer	▪ Dimensions: 1135 x 737 x 1820 mm (L x W x H) ▪ Volume: 1000 liters ▪ Material inside: PE ▪ Material outside: sheet steel Jacket & Pallet ▪ Number of openings: 4 pieces ▪ Underneath accessible **Optional:** ▪ Other tanks and accessories on request	▪ Compact design ▪ Hopper for safe disposal ▪ Double-walled tank ▪ Can be moved if necessary

Product name	Description	Technical data	Advantages
		Storage	
Digital Level Monitoring SmartLevel	Suitable for drum / IBC / stationary storage tanks	▪ Tank material: plastic, GRP, metal, IBC, drum ▪ Fittings: 2", 1 1/2", 1" ▪ Measuring interval: 2h – 24 h adjustable ▪ Data transmission: mobile phone / WLAN ▪ Operation: Battery ▪ Maximum tank height: 2 m or 3 m **Optional:** ▪ Different measuring principles depending on the application ▪ Drum adapter for level sensor radar available	▪ Easy installation and commissioning ▪ No more "running dry" thanks to early alerting ▪ Individual settings possible online ▪ Digital overview of all fill levels in the warehouse ▪ Battery change can be done by yourself
Drum Level Indicator – Manual 60/200 L	Suitable for drums, 60 or 200 L	▪ Lubricants automotive and industry, fresh oils, used oils ▪ Vertical mounting – no horizontal containers ▪ With FUCHS logo	▪ Cost-effective solution for manual monitoring ▪ Easy handling and installation ▪ Suitable for standing 60 and 210 L drums

FUCHS SmartLevel



We offer our customers a simple and reliable solution for monitoring the fill level and consumption of their lubricant stocks.

SmartLevel combines intelligent and sophisticated technology with intuitive operability.

Benefits for you as a user:

- Continuous lubricant supply
- Insight into lubricant consumption
- Accuracy of the measurement
- Simple and fast implementation
- Seamless, automated and efficient solution



← Further information about FUCHS SmartLevel

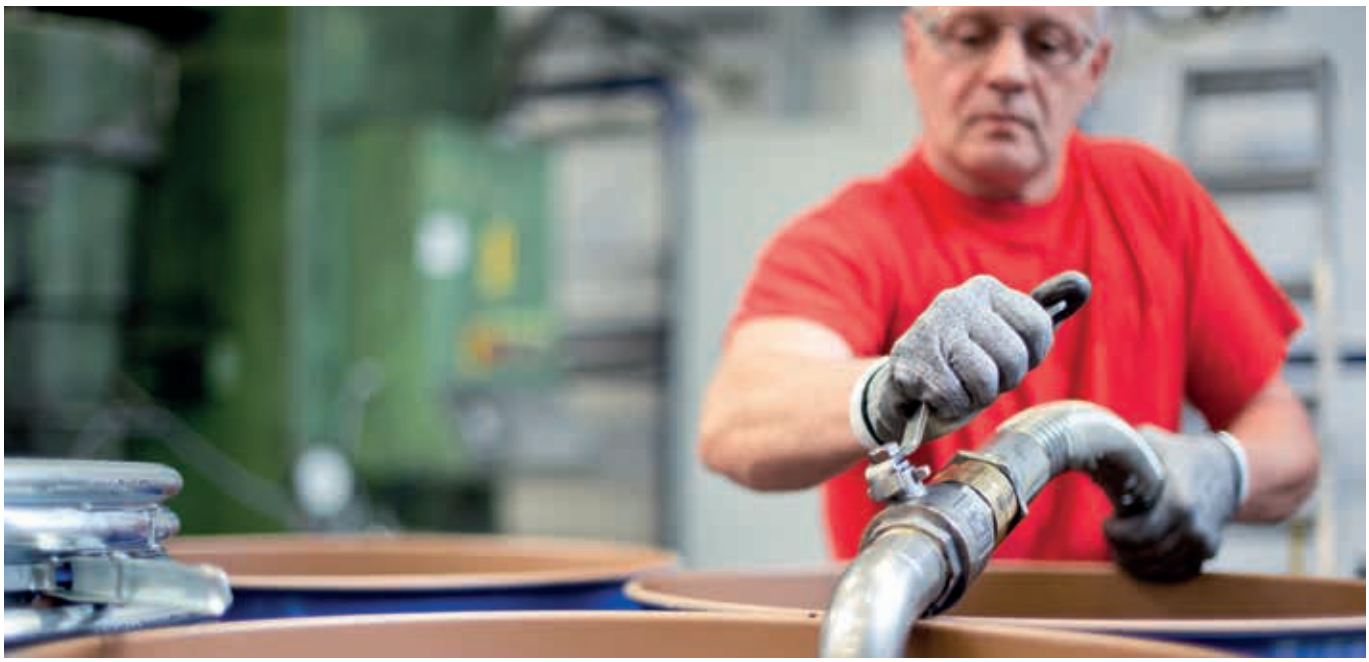
FUCHS Smart Services



Product name	Decription	Technical data	Advantages
		GEAR+	
Gear⁺-Gearbox Flushing Device 	For vehicles with automatic trans-mission	▪ Weight: approx. 90 kg ▪ Dimensions: approx. 700x600x1200 mm ▪ Compressed air connection: 8 bar ▪ Volume of waste oil container: 20 liters ▪ Volume fresh oil tank: 20 liters ▪ Flow rate: 60 liters / minute ▪ Length of bypass hose: 1,500 mm ▪ Length of connection hoses: 2,500 mm **Optional:** ▪ Various adapters available for brands ▪ Also available in anthracite	▪ Manufacturer's approval from Mercedes-Benz ▪ Without aggressive and cost-intensive cleaners ▪ Loss-free flushing (up to 50% less fresh oil used) ▪ High-quality construction "Made in Germany" ▪ Easy to use
Gear⁺-Display 	For the storage of 20 L packages	▪ Spill tray: 20 L ▪ Dimensions: 610 x 740 x 2030 mm (L x W x H) ▪ Fitting options: 9 x 20 L canister ▪ Colour: blue	▪ Space-saving storage of 20 L containers ▪ Stable stand and easy removal ▪ Drip tray for clean storage

Product name	Decription	Technical data	Advantages
		GEAR+	
Small Packs Display 	For the storage of small packs (1-5 L)	▪ Dimensions: 770 x 400 x 1625 mm (L x W x H) ▪ With 4 wheels, 2 of which are turnable, lockable ▪ Can be loaded with 9 x 5 litre or 36 x 1 litre containers per compartment ▪ Maximum load: 3 x 45 kg (per compartment) ▪ Colour: blue	▪ Modern design for the presentation of small containers ▪ Flexible equipping possible ▪ Easy to move thanks to 4 wheels
Gear Oil Filling Trolley 	Suitable for gear oils	▪ Oil pump: pneumatic, 3:1 ▪ Capacity: approx. 20 l/min, not calibratable ▪ Delivery hose: 3 m ▪ Outlet: digital manual flow meter ▪ Color: anthracite ▪ Pressure reducer with pressure gauge ▪ Plate for attaching a product plate ▪ 4 hooks for adapter storage **Optional:** ▪ Other oil filling trolleys, e.g. electric, also possible	▪ Quick and easy filling of gearboxes ▪ Practical holder for various adapters ▪ Control of the filling by manual flow meter ▪ Mobile trolley for easier handling of drums

FUCHS Smart Services



Product name	Description	Technical data	Advantages
		Handling of Oils and Greases	
Hand Lever Pump 	Suitable for engine oils, hydraulic oil, diesel, heating oil and Antifreeze	▪ Material: Metal ▪ Telescopic suction tube: 60-205 l ▪ Barrel fitting: 2" ▪ Flow rate: 0.25 l / stroke	▪ Simplest handling of oil ▪ Manual operation, no electricity/compressed air required ▪ Ready for immediate use
Electric Oil Pump 	Drum pump for 200 L containers	▪ Dispensing hose NW: 16 x 2,000 ▪ With nozzle 1-35 L/min ▪ Electric pump: 230 V WS with cable and plug ▪ On/off switch ▪ Drum bridge for a secure hold on the container **Optional:** ▪ Also available with digital flow meter	▪ Ready-to-use set ▪ Fast conveying for larger quantities
Electrical Barrel Pump Set/IBC 	Pre-assembled for drums – tube length 1000 mm; suitable for petroleum products	▪ Gasket mechanical seal, NBR ▪ Flow rate: max. 80 l/min. ▪ Viscosity: max. 1,000 mPas ▪ Temperature: max. 80 °C ▪ Conveying height: max. 10 m ▪ IP 24, 230 Volt, 50 Hz, 800 Watt ▪ Incl. hose 2m length ▪ Incl. nozzle **Optional:** ▪ Length 1200 mm suitable for IBC (container)	▪ Powerful pump for fast handling of media ▪ Complete set – get started right away ▪ Also suitable for higher viscosities ▪ Available for barrel/IBC

Product name	Decription	Technical data	Advantages
Handling of Oils and Greases			
Hand Lever Grease Gun 	Hand lever grease gun with TWIN-LOCK system, with wing nut, suitable pumped medium: grease	▪ Cartridges: 400 g cartridge / 500 ccm loosely filled ▪ Press tube galvanized ▪ Connection thread: M10 x 1.0 ▪ Incl. nozzle tube 140 mm, angled **Optional:** ▪ Various spare parts available	▪ Twin-Lock system prevents an apparent supply of the lubrication point, by preventing grease leakage from the piston and causing a back-flow into the the cartridge is excluded ▪ Simple hand lever grease gun for lubrication activities ▪ Robust housing; incl. nozzle tube 140 mm, ready for immediate use
Mobile Pneumatic Lubricator 	Mobile by carriage, suitable for greases up to NLGI 2, high-pressure lubrication gun with professional Z-joint	▪ Pump 55:1 – capacity: approx. 550 g/min (free outlet and 7 bar inlet pressure) ▪ Riser Ø top 28 mm, bottom 41 mm ▪ Compressed air connection: G 1/4"i ▪ Air pressure: min. 3 to max. 10 bar ▪ Lubrication pressure: max. 400 bar ▪ Air consumption: 230 l/min **Optional:** ▪ Other versions available on request	▪ Mobile device by carriage ▪ Efficient work with larger quantities ▪ Suitable for almost all greases ▪ High performance, high operating pressure possible
Stationary Pneumatic Lubrication Unit 	Suitable for greases up to NLGI 2, high-pressure lubrication gun with professional Z-joint	▪ Pump 55:1 – capacity approx. 550 g/min (free outlet and 7 bar inlet pressure) ▪ Riser Ø top 28 mm, bottom 41 mm ▪ Compressed air connection: G 1/4"i ▪ Air pressure: min. 3 to max. 10 bar ▪ Lubrication pressure: max. 400 bar ▪ Air consumption: 230 l/min **Optional:** ▪ Other versions available on request	▪ Efficient work with larger quantities ▪ Suitable for almost all greases ▪ High performance, high operating pressure possible
Pneumatic Grease Filling Device ZS 	Suitable for greases of consistency class NLGI 000 to 0	▪ Delivery rate: 2 kg/min ▪ Pressure ratio: 3:1 ▪ Air pressure: min. 2 to max. 10 bar ▪ Pump pipe diameter: 34 mm ▪ Grease hose: 2m, 2 TE, NW 16, G 3/4", ball valve ▪ incl. grease follower plate and dust cover ▪ incl. self-closing quick-release coupling **Optional:** ▪ Other versions, e.g. as a mobile device or for other grease container sizes, possible on request	▪ Powerful low-pressure pump for filling centralized lubrication systems or for decanting ▪ Double-acting, for an even grease flow ▪ Pressure reducer with water separator for low-wear operation and a long service life
Manual Grease Filling Device ZS 	Suitable for greases of consistency class NLGI 000 to 2	▪ Delivery rate: approx. 30 ccm/stroke ▪ Pump pipe diameter: 40 mm, length 775 mm ▪ Operating pressure: max. 35 bar ▪ Grease hose: 2 m PVC grease hose NW 16, nylon reinforced ▪ incl. grease follower plate and dust cover ▪ incl. self-closing quick-release coupling ▪ incl. trolley **Optional:** ▪ Other versions, e.g. as a stationary device or for other grease container sizes, possible on request	▪ Works even at sub-zero temperatures down to -20° C ▪ Extremely powerful suction due to specially adjusted stroke and large suction and valve openings ▪ Robust and wear-resistant thanks to strong steel lever ▪ Low actuating force required (11 to 16 kp)

FUCHS Smart Services

Product name	Decription	Technical data	Advantages
		Handling of Oils and Greases	
One-Hand Grease Gun SR 	TÜV tested with GS mark	▪ Achievable pressure of up to 150 bar in one-handed operation ▪ Cartridge: System Reiner ▪ Incl. armoured hose and gripper coupling ▪ Flow rate: 0.8 cm³/stroke ▪ Connection thread: M10x1 **Optional:** ▪ Armoured hose and gripper coupling available as spare parts	▪ Easy and clean lubrication for smaller quantities ▪ Robust design and technology ▪ One-handed operation possible
HP Two-Handed Grease Gun SR 	TÜV tested with GS mark, ergonomic handles for optimal service, residual emptying by means of a special piston shape	▪ Achievable pressure: 400 bar ▪ Lubrication quantity per stroke: approx. 1.5 cm³ ▪ Cartridge: System Reiner ▪ Coupling connection: M10x1 ▪ Protective cap against contamination of the gripper coupling ▪ Incl. armoured hose and gripper coupling **Optional:** ▪ Armoured hose and gripper coupling available as spare parts	▪ Simple, clean and safe lubrication of high-quality machines with long lubrication lines ▪ Large quantities of lubricant and larger volumes of lubricant per stroke possible ▪ Twin-Lock system prevents an apparent supply of the lubrication point, by preventing grease leakage from the piston and causing a back-flow into the the cartridge is excluded
Electric Battery Grease Gun (AMP) 	For greases NLGI class 000 to 2 (according to DIN 51818)	▪ Cartridges: 500 g System Reiner / 400 g Pull-Off / Lube Shuttle® ▪ Operating pressure: up to 700 bar (overpressure valve limited) ▪ Flow rate: approx. 120 g/min ▪ Charging time: approx. 1 h ▪ Incl. rechargeable battery 18V Li-Ion, 4000 mAh AMP Share ▪ Incl. hose and SR adapter ▪ Incl. case and charger **Optional:** ▪ Version also available without battery ▪ Spare battery available separately ▪ Charger available separately	▪ System Reiner cartridges can be easily replaced by screw connection ▪ Larger relubrication quantities convenient and fatigue-friendly can be applied ▪ Separate AMP share battery for alternating operation possible
Compressed Air Press Grease 	Convenient one-handed operation, controlled fat release by single print	▪ Cartridges: 500 g System Reiner ▪ Inlet pressure: 2-6 bar (max. pressure peak: 10 bar) ▪ Flow rate: approx. 1 cm³/stroke ▪ Gear ratio: 1:30 ▪ Connection thread: M10x1 ▪ Incl. safety rubber armoured hose ▪ Incl. 4-jaw professional mouthpiece	▪ Lubrication of machines of all kinds, commercial vehicles and construction machinery ▪ Controlled fat release possible ▪ Suitable for larger lubrication quantities
HD Grease Gun CASSIDA 	For use in the food sector, TÜV tested with GS marks, ergonomic handles for optimal operation	▪ Achievable pressure: up to 5,800 psi ▪ Lubrication quantity per stroke: approx. 1.5 cm³ ▪ Connection thread: M10x1 ▪ The Twin-Lock system protects the piston from wear and prevents that grease comes out of the piston ▪ Protective cap against contamination of the gripper coupling ▪ Flexible armoured hose for optimum accessibility of lubrication points	▪ Efficient, clean and safe lubrication of your machines ▪ Also due to long lubrication lines, large quantities of lubricant and large amounts of lubricant per stroke ▪ Easy handling due to the use of SR cartridge with screw cap lubricated with food-grade grease
Central Lubrication Systems Filling System 	Important: Please order coupling plugs separately!	▪ Cartridges: SR Cartridge ▪ Only for Beka Max lubrication systems with coupling plug ▪ Coupling plug (M20x1.5) **Optional:** ▪ Filling system for 400g pull-off cartridges	▪ Easy and fast filling of central lubrication systems with SR cartridges ▪ Simple and energy-saving operation ▪ Secure connection through coupling plug

Product name	Decription	Technical data	Advantages
		Handling of Oils and Greases	
Easy Spray Gun 260 mm 	For the application of fluids containing solids, or free-flowing greases	▪ Air connection: female thread: ¼" ▪ Required air pressure: 6-12 bar ▪ Filling capacity: 0.75 l ▪ Storage container: Not pressurized ▪ Spray nozzle on the 260 mm long spray tube is adjustable	
Grease Spray Gun LUBE-JET ECO 	TÜV tested with GS mark, ergonomic handles for optimal service, residual emptying by means of a special piston shape	▪ Operation: pneumatic ▪ Operating pressure: max. 5 bar ▪ Cartridges: Lube-Shuttle® screw-in cartridges	▪ Saves time by precise spraying larger surfaces ▪ Perfect for applying grease to larger surfaces such as telescopic arms or chains ▪ Can be used without additives such as propellant gas or solvents

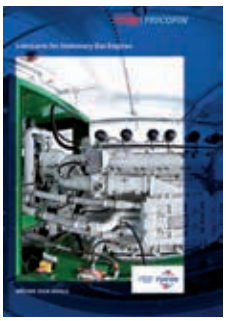
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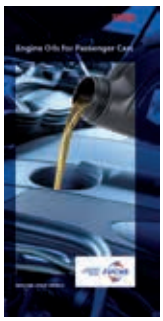
Product name	Decription	Technical data
	Small Parts / Accessories	
VCI Rapid Test Kit 4 Tests	Suitable for testing the remaining VCI active ingredient in RENOLIN CLP VCI oils	▪ Content: 4 test kits ▪ Incl. syringe 5ml per test ▪ Instructions and comparison scale included
Sample Bottle 250 ml	Suitable for e.g. hydraulic oils, coolants, antifreeze	▪ Content 250 ml ▪ Packing unit 5 pieces as a package ▪ Incl. lid, sample label, unstamped stamp **Optional:** ▪ Larger quantities available on request
Sample Bottle 1 L	Suitable for e.g. hydraulic oils, coolants, antifreeze	▪ Content 1,000 ml ▪ Incl. Lid **Optional:** ▪ Larger quantities available on request
Sample Bottle 2.5 L	Suitable for e.g. hydraulic oils, coolants, antifreeze	▪ Content 2,500 ml ▪ Incl. Lid **Optional:** ▪ Larger quantities available on request
Barrel Key Steel	Opening of sealing caps and drum closures	▪ Material: galvanized steel ▪ For 3/4" and 2" screw connections
Drum Transport Lifter	Suitable for containers with a capacity of up to 200 litres	▪ Dimensions 690 x 660 x 1520 mm (L x W x H) ▪ Weight 26 kg ▪ Can be set down to a height of 360 mm
Jug Set 2L/5L	Set consisting of 2L and 5L jug	▪ With flexible spout ▪ With lid against contamination
Funnel Set	6 funnels, rigid spout	▪ Sizes: Ø 50, 75, 100, 120, 150 and 160 mm
Outlet Nozzle IBC	Suitable for IBC (Greif)	
Outlet Tap for Canister	Can be used for canisters	▪ Opening 50 mm or 60 mm different items

Product name	Decription	Technical data
	Small Parts / Accessories	
Spout Tap Barrel Cast Iron	Can be used for drums/barrels	▪ Material cast iron ▪ 2" and 3/4" available
Spout Tap Barrel Plastic	Can be used for drums/barrels	▪ Material plastic, brown ▪ 2" and 3/4" available

Automotive Product Brochures



Lubricants for Stationary Gas Engines



Engine Oils for Passenger Cars

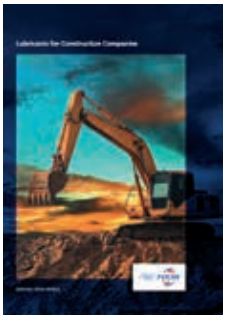


Superior Motorcycle Oils and Maintenance Products – Silkolene



Lubricant Solutions and Related Products for E-Mobility Concepts

Brochures for the Construction Industry



Lubricants for Construction Companies



Concrete Mixer Protection



Concrete Release Agents for the Construction Industry



SYSTEM REINER – Safe and Clean Lubrication of your Machines



Specialty Lubricants and Release Agents for Asphalt Processing

You will find these and further brochures under www.fuchs.com/de/en/products/download-center/

Videos



Oils are not all created equal



Cavity conservation in practice – ANTICORIT CPX®



Application of concrete release agents



Concrete release agents



Application of mixer protection

FUCHS
LUBRICANTS
GERMANY at YouTube

Notes

Note
The information contained in this product information is based on the experience and know-how of FUCHS LUBRICANTS GERMANY GmbH in the development and manufacturing of lubricants and represents the current state-of-the-art. The performance of our products can be influenced by a series of factors, especially the specific use, the method of application, the operational environment, component pre-treatment, possible external contamination, etc. For this reason, universally-valid statements about the function of our products are not possible.

Our products must not be used in aircraft or spacecraft. Our products may be used in the manufacture of components for aircraft or spacecraft if they are removed without residue from the components prior to assembly into the aircraft or spacecraft.

The information given in this product information represents general, non-binding guidelines. No warranty expressed or implied is given concerning the properties of the product or its suitability for any given application. We therefore recommend that you consult a FUCHS LUBRICANTS GERMANY GmbH application engineer to discuss application conditions and the performance criteria of the products before the product is used. It is the responsibility of the user to test the functional suitability of the product and to use it with the corresponding care. Our products undergo continuous improvement. We therefore retain the right to change our product program, the products, and their manufacturing processes as well as all details of our product information sheets at any time and without warning, unless otherwise provided in customer-specific agreements. With the publication of this product information, all previous editions cease to be valid. Any form of reproduction requires express prior written permission from FUCHS LUBRICANTS GERMANY GmbH.

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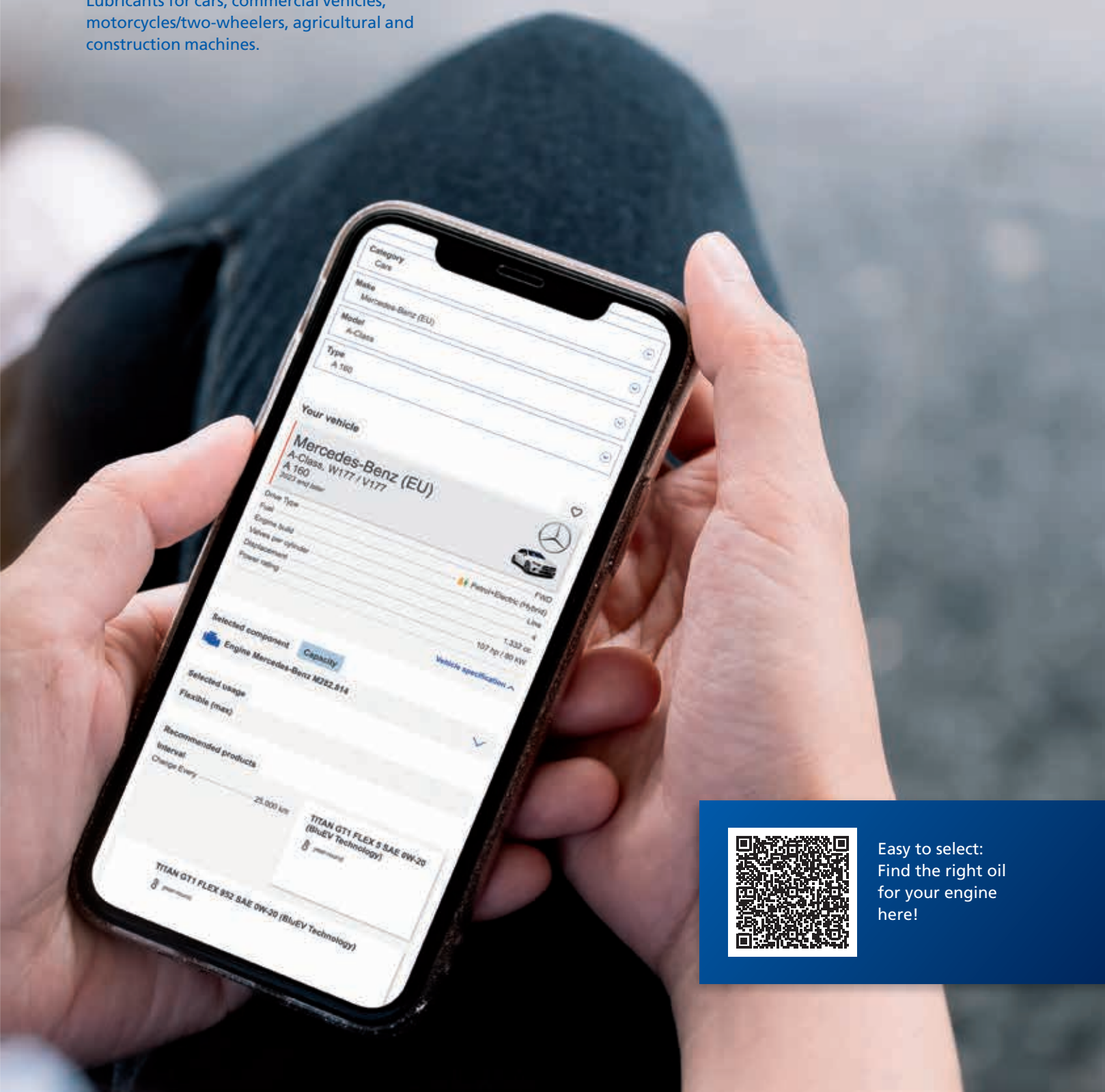
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FUCHS Oil Chooser

Find the right oil for your vehicle.

Lubricants for cars, commercial vehicles, motorcycles/two-wheelers, agricultural and construction machines.

It's so simple:
at **www.fuchs.com/de/en** just go to the button "Oil Chooser".
Select the vehicle type (e.g. car), then make, model and type.
A window will appear with an overview of the optimum lubricants for your vehicle per application area (here, for example, "Engine").



Easy to select:
Find the right oil for your engine here!

FUCHS Lubricants

Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced FUCHS employees will be glad to advise on products for the application in question and also on our full range of lubricants.

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