Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: **EEE/133**

All-Fleet™ CI SAE 15W-40

All-Fleet CI 15W-40 – is a traditional premium SHPD (Super High Performance Diesel) engine oil, designed for use in turbocharged engines of industrial and heavy-duty vehicles. It is specially designed to meet the needs of the world's leading truck manufacturers. It contains a system of special additives to keep the engine clean, prevent ring sticking, protect against wear and maintain maximum performance over the long term.

Performance levels
API: CI-4, CH-4, API: SL
Caterpillar ECF-2, ECF-1-a
Meets Cummins requirements CES 20076/20077/20078
Deutz DQC III-10
Global DHD-1
MAN M 3275-1

Applications

Suitable for heavy duty truck and bus engines, marine and industrial engines.

Suitable for Selective Catalytic Reduction (SCR) and Exhaust Gas Recirculation (EGR) systems- but not for DPF aftertreatment systems.

Suitable for on-road and off-road vehicles by many of the largest car manufacturers.

Features & Benefits

Diesel Engine Oil Technology
Formulated with a complex of modern additives that ensure maximum engine reliability.

Oxidation control
Extraordinary antioxidant additives provide superior oxidation protection to ensure consistent and reliable oil performance. The special composition makes the product resistant to any weather conditions.

Clean engine
Modern detergent components that are part of the product clean the engine from soot and other deposits. It successfully resists changes in quality despite difficult working conditions.

Wear protection
Contains modern dispersants to protect the engine from premature wear. Provides reliability for long journeys and high engine mileage.

VALVOLINE EUROPE
WIELDRECHTSEWEG 3
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Keeping the world moving since 1866™
Serving more than 100 countries around the globe, Valvoline is a leading marketer, distributor and producer of quality branded automotive and industrial products and services. Products include automotive lubricants; transmission fluids; gear oils; hydraulic lubricants; automotive chemicals; specialty products; greases, and cooling system products.

For more information on Valvoline products, programs and services please visit www.valvolineeurope.com

Typical properties
Typical property characteristics are based on current production. Whilst future production will conform to Valvoline specifications, variations in these characteristics may occur.

All-Fleet CI	
SAE Viscosity Grade	15W-40
Viscosity, mm^2/s @ 100 ºC. ASTM D-445	14,5
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	109
Viscosity Index ASTM D-2270	136
Viscosity, mPa.s –25°C. ASTM D-5293	< 7000
TBN, mg KOH/g ASTM D-2896	min.10
Pour Point, ºC ASTM D-97	-36
Specific Gravity @ 15.6°C. ASTM D-1298	0,881
Flash Point, COC, ºC. ASTM D-92	224

This information only applies to products manufactured by:

Ellis Enterprises East doo Kruševac,
Affiliate of Valvoline
Mike Stojanovića 15, 37000 Kruševac, Serbia
Registration nr: 21368997 / TIN: 110618744

Health & Safety
This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet **http://sds.valvoline.com**

Protect the environment
Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

Storage
We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces -

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