Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: **EEE/134**

All-Fleet™ CI SAE 10W-40

All-Fleet CI SAE 10W-40 belongs to the category of SHPD (Super High Performance Diesel) oil and is intended for use in turbodiesel engines of trucks and buses, as well as in industrial engines operating in difficult conditions. This synthetic oil is formulated to meet the requirements of leading engine manufacturers and provide long-lasting protection. The All-Fleet CI SAE 10W-40 meets the API CI-4 specification which means it can be used in engines with exhaust gas recirculation (EGR) systems. The ACEA E7 specification shows that this oil is suitable for modern high performance engines with selective catalytic reduction (SCR) systems to reduce NOx content. The oil is not suitable for post-treatment systems with a particulate filter (DPF). All-Fleet CI SAE 10W-40 oil is formulated on a synthetic basis to improve performance at low temperatures.

Performance levels
ACEA E7, E5, E2
API: CI-4, CH-4, API SL
Mack EO-N, EO-M Plus
MAN M 3275
MB-228.3
Renault RVI RLD-2
Scania Euro 4*
Volvo VDS-3

** Before use, check the manufacturer's instructions*

Applications

Suitable for mixed fleets.

Suitable for Selective Catalytic Reduction (SCR), Eyhaust Gas Recirculation (EGR) systems, but not for post-treatment (DPF) systems.

Recommended for long drain intervals in heavy trucks, buses and off-road vehicles.

Suitable for low temperatures.

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.

Efficiency at low temperatures
Improved low temperature flow characteristics meet the most stringent requirements of OEM, API and ACEA standards.

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	10W-40
Viscosity, mm^2/s @ 100 ºC. ASTM D-445	14,9
Viscosity, mm^2/s @ 40 ºC. ASTM D-445	101
Viscosity Index ASTM D-2270	154
Viscosity, mPa.s –25°C. ASTM D-5293	<7000
TBN, mg KOH/g ASTM D-2896	min.10
Pour Point, ºC ASTM D-97	-39
Specific Gravity @ 15.6°C. ASTM D-1298	0,871
Flash Point, COC, ºC. ASTM D-92	228

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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