

PRODUCT INFORMATION



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 122/05b

All-Fleet™ Extreme LE Engine Oil SAE 10W-40

Valvoline All-Fleet Extreme LE engine oil is a Super High Performance Diesel (SHPD) engine oil for use in heavy-duty, turbo-charged industrial and truck engines. This oil is specially engineered based on synthetic technology to meet the medium extended drain requirements of the world's leading truck manufacturers and contains a special additive system providing effective piston cleanliness and wear control. The product can be used in Euro engines with or without Diesel Particle Filter (DPF) and for most engines with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) after treatment systems. Suitable for Euro 1,2,3,4,5,6* engines.

**Euro 6 oil recommendations differ per truck brand. Check owner's manual before use.*

O.E.M. Approvals
Deutz DQC III-10 LA
MB-Approval 228.31
MTU Type 2.1
Volvo VDS-4
Mack EO-O Premium Plus
Renault RLD-3

Performance levels
ACEA E9
API: CJ-4 / SN
Caterpillar ECF-3
DDC 93K218
MAN M 3575
Scania Low Ash

Features & Benefits

Applications

Suitable for heavy-duty engines in trucks, buses and industrial vehicles.
Suitable for medium extended drain oil refreshment periods

SHPD

Super High Performance Diesel engine oil.

Emission control

Fulfills the requirements of EU Euro 5 and 6 emission standards.

After treatment

Mid SAP Oil suitable for SCR, EGR and DPF exhaust systems.

Long-life

Maximizes engine durability.

Clean engine and wear protection

Special additive system provides effective piston cleanliness and wear control.

OEM approved

Recommended by many major heavy-duty engine manufacturers.

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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 Extreme LE Engine Oil	
SAE Viscosity Grade	10W-40
Viscosity, mm²/s @ 100 °C. ASTM D-445	14,0
Viscosity, mm²/s @ 40 °C. ASTM D-445	92
Viscosity Index ASTM D-2270	156
Viscosity, mPa.s -25°C. ASTM D-5293	< 7000
TBN, mg KOH/g ASTM D-2896	8,2
Pour Point, °C ASTM D-5949	-42
Specific Gravity @ 15.6°C. ASTM D-4052	0,859
Flash Point, COC, °C. ASTM D-92	236

**This information only applies to products manufactured in the following location(s):
Europe**

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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://msds.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 – 122/04b