

Product Information

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Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 122/04b

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.*

Performance levels

SAE 10W-40
ACEA E7, E9
API: CJ-4
Cummins CES 20.076, 20.081
DDC 93K218, K215, K214
MAN M 3575
MB-228.31
Volvo VDS-4
Mack EO-O Premium Plus
Renault RLD-3
Caterpillar ECF-3

Applications

Suitable for heavy-duty engines in trucks, buses and industrial vehicles.

Suitable for engines with special after treatment exhaust systems such as EGR, SCR and DPF.

Suitable for medium extended drain oil refreshment periods.

Features and Benefits

SHPD

Super High Performance Diesel engine oil.

Emission control

Fulfills the requirements of EU Euro 5, 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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Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. A Safety Data Sheet (SDS) is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

Protect the Environment

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.

Typical Properties

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

SAE Viscosity Grade	10W-40
Viscosity, mm ² /s @ 100 °C. ASTM D-445	15,4
Viscosity, mm ² /s @ 40 °C. ASTM D-445	108,8
Viscosity Index ASTM D-2270	149
Viscosity, mPa.s -25°C. ASTM D-5293	<7000
TBN, mg KOH/g ASTM D-2896	10
Pour Point, °C ASTM D-5950	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,868
Flash Point, COC, °C. ASTM D-92	205

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 including MaxLife™, the first motor oil specifically formulated for higher-mileage vehicles; 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

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Replaces – 122/03b

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

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