

Product Information

A PRODUCT OF ASHLAND CONSUMER MARKETS, A COMMERCIAL UNIT OF ASHLAND INC.



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 125/04

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

All-Fleet Superior LE 10W-40 is heavy duty engine oil formulated based on synthetic technology to provide extended drain oil refreshment periods for modern low emission trucks, buses, and industrial engines.

Valvoline™ All-Fleet Superior LE 10W-40 is a Ultra High Performance Diesel (UHPD) engine oil specially engineered to meet the low SAPS and extended drain requirements of the world's leading truck manufacturers. The ultra modern additive system provides excellent protection and effective piston cleanliness and wear control. The unique formulation also prevents deposit formation and protects against soot build-up, resulting in a clean engine over the entire oil drain period. 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.*

Approvals/Performance levels

SAE 10W-40
ACEA E6, E7
MAN M-3477
MB-228.51
Volvo VDS-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 extended drain oil refreshment periods.

Features and Benefits

UHPD

Ultra High Performance Diesel engine oil.

Emission control

Fulfills the requirements of EU Euro emission standards.

After treatment

Low SAPS Engine Oil suitable for SCR, EGR and DPF exhaust systems.

Reduced Total Cost of Ownership

Maximizing engine durability, reducing maintenance costs, and improving the fleet's productivity.

Clean engine and wear protection

Special additive system provides effective piston cleanliness and wear control.

OEM approved

Recommended and approved by several major heavy-duty diesel 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	14,5
Viscosity , mm ² /s @ 40 °C. ASTM D-445	98
Viscosity Index ASTM D-2270	153
Viscosity , mPa.s -25°C. ASTM D-5293	<7000
TBN , mg KOH/g ASTM D-2896	8,6
Pour Point , °C ASTM D-5950	-33
Specific Gravity @ 15.6°C. ASTM D-4052	0,863
Flash Point , PMCC, °C. ASTM D-92	204

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

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 – 125/03

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