

Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 123/06

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

All-Fleet Superior SAE 10W-40 is engine oil formulated based on synthetic technology to provide medium long-drain oil refreshment periods for trucks, buses, and industrial engines.

All-Fleet Superior SAE 10W-40, an Ultra High Performance Diesel (UHPD) engine oil, is recommended and approved by major truck manufacturers for medium long-drain intervals according to their specifications for long-distance driving. An ultra-modern additive system provides protection and a clean engine over the entire oil drain period. The unique formulation prevents deposit formation and protects against soot build-up.

O.E.M. Approvals
MAN M 3277
MAN M 3377
MB-Approval 228.5
MTU Type 3
Volvo VDS-3 (417-0002-17-1455)
Mack EO-N
Renault RXD/RLD-2

Performance levels
ACEA E4, E7
Deutz DQC IV-10

Features & Benefits

Applications

Suitable for Euro I, II, III, IV, and V engines with Exhaust Gas Recirculation (EGR) and Selective Catalytic Reduction (SCR) systems exhaust after treatment systems; not suitable for Diesel Particulate Filters (DPF). Suitable for heavy-duty engines in trucks and buses. Also meets the manufacturers' extended-drain requirements

Wear protection

Strong oil film protects the engine against wear and corrosion.

OEM approved motor oil

Recommended and approved by major engine manufacturers.

Lower emissions

Fulfills the requirements of the EU Euro I/II/III/IV/V emission standards.

Extended drains

Extended service intervals and medium long-drain oil refreshment periods.

Winter starts

Easy starts even under very cold conditions.

Engine cleanliness

Premium additives keep the engine clean over extended drain periods. The unique formulation prevents deposit formation and protects against soot build-up.

PRODUCT INFORMATION



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 Superior Engine Oil	
SAE Viscosity Grade	10W-40
Viscosity, mm²/s @ 100 °C. ASTM D-445	14,6
Viscosity, mm²/s @ 40 °C. ASTM D-445	100
Viscosity Index ASTM D-2270	151
Viscosity, mPa.s -25°C. ASTM D-5293	< 7000
TBN, mg KOH/g ASTM D-2896	12,5
Pour Point, °C ASTM D-5949	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,862
Flash Point, COC, °C. ASTM D-92	241

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 – 123/05