Lubricants - Engine Oil - Heavy Duty Engine Oils

Valvoline™ All-Fleet™ Superior LE 15W-40

Heavy-duty engine oil approved by leading OEMs, designed for use in a wide range of mixed fleet applications. This conventional engine oil is engineered for long-term lubrication and optimal engine performance. ALL-FLEET™ SUPERIOR LE 15W-40 has been formulated to meet key industry and OEM claims, where 15W-40 is recommended.

OEM Approvals
DTFR 15C100 (MB-228.31)
MTU Type 2.1
Mack EOS-4.5
Renault RLD-3
Volvo VDS-4.5
Performance levels
ACEA E11, E9, E7
API CK-4, CJ-4, CI-4+, CI-4, CH-4, SN
Caterpillar ECF-3, EFC-2
Cummins CES 20086, CES 20081
Detroit Diesel DFS 93K222, 93K218
Deutz DQC III-18 LA
Ford WSS-M2C171-F1
JASO DH-1, DH-2
Mack EO-N PP
MAN M3575
Volvo VDS-4, VDS-3

Applications

Suitable for some of the latest heavy-duty engines in trucks, buses and off-road machinery.

Features & Benefits

Ensures optimal engine performance
An ultra-modern additive system provides optimal engine performance. Strong oil film protects the engine against wear and corrosion. The unique formulation prevents deposit formation and protects against soot build-up.

Provides long-term lubrication
Premium additive package ensures smooth long-term engine lubrication and keeps the engine clean over extended service intervals and long-drain oil refreshment periods.

Emission control
Fulfills the requirements of EU Euro 6 and Stage V emission standards. This formulation is especially effective at sustaining emission control and system durability where particulate filters and other advanced aftertreatment systems are used.

Clean engine and wear protection
The modern additive system provides effective piston cleanliness and wear protection as well as valvetrain wear control.

Backwards compatibility
All-Fleet™ Superior LE SAE 15W-40 engine oil exceeds the performance criteria of API CJ-4, CI-4, CI-4 Plus and CH-4 and can effectively lubricate engines calling these API service categories.

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Keeping the world moving since 1866™
Serving more than 100 countries around the globe, Valvoline Global Operations 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 **https://www.valvolineglobal.com/en-eur/** or **http://pisheets.valvolineglobal.com**

Health & Safety
For more information about environment requirements, product safe handling, storage, and disposal, please refer to the product Safety Data Sheet (SDS) available at **http://sds.valvolineglobal.com**

Typical properties

All-Fleet Superior LE Engine Oil	
SAE Viscosity Grade	15W-40
Viscosity @ 100ºC, mm^2/s ASTM D445	14.3
Viscosity @ 40ºC, mm^2/s ASTM D445	107
Viscosity Index ASTM D2270	137
Viscosity @–20°C, mPa.s ASTM D5293	< 6800
TBN, mg KOH/g ASTM D2896	8.5
Pour Point, ºC ASTM D5949	-36
Density @ 15°C, g/cm^3 ASTM D4052	0.876
Flash Point, COC, ºC ASTM D92	238

*****The data provided is for reference only and can be applied only for the specific production location.

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

Effective date: 4/29/2026

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