



Product Information

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Lubricants - Engine Oil – Heavy Duty Engine Oil

Version: 129/03

Premium Blue™ Superior SAE 10W-40

Premium heavy-duty diesel engine oil designed to provide advanced lubricant performance in modern, emissions treatment equipped Cummins and other diesel engines. This product is based on synthetic technology and is especially suitable for cold working circumstances.

Premium Blue Superior engine oil is recommended and endorsed by **Cummins** and provides excellent performance in heavy-duty fleets, stationary and industrial applications.

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
API: CJ-4/SN
ACEA: E7, E9
Cummins CES 20076, 20081
Deutz DQC-III-10 LA
Detroit Diesel 93K218, K215, K214
MAN M 3575
MB-228.31
MTU 2.1
Renault RLD-3
Mack EO-O Premium Plus, EO-M Plus
Volvo VDS-4
Caterpillar ECF-2, ECF-3

Applications

Suitable for use in Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR), Diesel particle Filter (DPF) and other modern diesel engine technologies.

When used in conjunction with Ultra-Low Sulfur Diesel Fuel this product offers an optimal balanced formulation that helps maximize engine durability as well as after-treatment system cleanliness.

Can be used in trucks and buses with diesel engines of the Euro 1, 2, 3, 4, 5, and 6* models.

**Check owner's manual before use.*

Features and Benefits

Cummins endorsed

Premium Blue is the only one engine oil recommended and endorsed by Cummins.

OEM approved

Especially developed, approved and endorsed by Cummins against CES 20081 and CES 20076.

Soot and deposit control

Exceptional control of soot related oil thickening and high temperature deposit formation.

Increased Performance

Specially designed to perform in harsh winters. Maintains engine oil viscosity even at very low temperatures up to -40°C. Prevents soot-related engine wear and extends engine life safely, allowing for increased drain intervals.

Emission control

Low emission engine oil fulfills the requirements of the latest emission standards, including on-highway Euro 5, 6 and off-highway stage IIIB and Tier IV legislation.

Wear protection

Valve train wear protection and reduced oil filter restriction at high soot levels that enhances engine durability.

Superior TBN performance

Premium Blue Superior engine oil was repeatedly tested in industrial and on-road engines. It repeatedly demonstrated superior TBN retention compared to other formulations in the market.



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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.

Premium Blue Superior engine oil	
SAE Viscosity Grade	10W-40
Viscosity, mm ² /s @ 100 °C. ASTM D-445	15,5
Viscosity, mm ² /s @ 40 °C. ASTM D-445	108,9
Viscosity Index ASTM D-2270	150
Viscosity, mPa.s -25°C. ASTM D-5293	<7000
TBN, mg KOH/g ASTM D-2896	10
Pour Point, °C ASTM D-5950	-45
Specific Gravity @ 15.6°C. ASTM D-4052	0,867
Flash Point, COC, °C. ASTM D-92	206

**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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