



Product Information

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Lubricants - Engine Oil – Heavy Duty Engine Oil

Version: 140/01

Premium Blue™ 8100 15W-40

Premium conventional heavy-duty diesel engine oil designed to provide advanced lubricant performance in modern, emissions treatment equipped Cummins and other diesel engines.

Valvoline™ Premium Blue™ 8100 engine oil endorsed by Cummins and provides excellent performance in heavy-duty fleets, marine and industrial applications.

Suitable for Euro 1,2,3,4,5,6* engines and off-highway stage IIIB* and Tier IV* legislation.

*Oil recommendations differ per truck brand. Check owner's manual before use.

O.E.M. Approvals	
Cummins	CES 20081
Deutz	DQC III-10 LA
MAN	M 3575
MB-Approval	228.31
MTU	Type 2.1
Volvo VDS-4	417-0001-16-912
Mack EO-O	Premium Plus
Renault	RLD-3

Performance levels
ACEA E7, E9
API: CI-4, CJ-4/SN
Caterpillar ECF-3/ECF-2
Detroit Diesel DFS 93K218
JASO DH-2
Scania Low Ash
Volvo VDS-3

Features and Benefits

THE ONLY ONE™

Valvoline Premium Blue is THE ONLY ONE™ engine oil exclusively recommended and endorsed by Cummins.

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.

Soot and deposit control

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

Increased drain intervals

Maintains engine oil viscosity, prevents soot-related engine wear and extends engine life safely, allowing for increased drain intervals.

Wear protection

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

Superior TBN performance

Premium Blue 8100 15W-40 engine oil was repeatedly tested using the industry recognized ROBO test. It repeatedly demonstrated superior TBN retention compared to other formulations in the market.

Applications

Suitable for use in Exhaust Gas Recirculation (EGR), Selective Catalytic Reduction (SCR), Diesel Particulate 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.



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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 8100	
SAE Viscosity Grade	15W-40
Viscosity, mm²/s @ 100 °C. ASTM D-445	14,8
Viscosity, mm²/s @ 40 °C. ASTM D-445	112
Viscosity Index ASTM D-2270	136
Viscosity, mPa.s -20°C. ASTM D-5293	<6800
TBN, mg KOH/g ASTM D-2896	10,2
Pour Point, °C ASTM D-5949	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,876
Flash Point, COC, °C. ASTM D-92	232

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.valvolineurope.com

Author:

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Replaces –

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

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