



# Product Information

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



## Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 104/14

### Premium Blue™ Engine Oil SAE 15W-40

***Premium conventional heavy-duty engine oil formulated to provide advanced lubricant performance in modern Cummins diesel engines, including those with cooled Exhaust Gas Recirculation (EGR).***

Premium Blue is a premium conventional engine oil endorsed by Cummins and provides excellent performance in heavy duty fleets, marine and industrial applications. The advanced product technology offers a medium extended drain formulation that helps maximize engine durability.

#### Approvals/Performance Levels

SAE 15W-40
ACEA E3, E5, E7
ACEA A3, B3, B4
API CF/SL, CF-4, CG-4, CH-4, CI-4
Cummins CES 20076, 77, 78
Volvo VDS-3
MTU Type 2
Caterpillar ECF-2/1a
MB-228.3
Mack EO-M Plus
Renault RVI RLD/RLD-2
MAN M 3275
Global DHD-1
ZF TE-ML 07C

#### Applications

Suitable for use in Exhaust Gas Recirculation (EGR) system.

Suitable for trucks with medium extended drain intervals.

#### Features and Benefits

##### Excellent TBN Retention

Higher Total Base Number (TBN) product designed for the latest diesel engine specification from API, ACEA, and OEMs (including Cummins) -- that allow for higher sulfated ash products.

##### Advanced Soot Handling Performance

Enhanced protection and performance, such as higher TBN levels for long-life performance, reduced valve train wear and reduced oil filter restriction at high soot levels.

##### Deposit control

High temperature deposit control for piston and ring/liner wear protection

##### Compatible with EGR Systems

Recommended for use in Exhaust Gas Recirculation (EGR), Selective Catalyst Reduction (SCR), and Euro IV engines, **but not for DPF (Diesel Particulate Filter)** equipped engines.

##### Cummins Endorsed

Extensively tested in Cummins, as well as other OEM engines, and officially endorsed by **Cummins**.



# Product Information



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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 SAE 15W-40	
SAE Viscosity Grade	15W-40
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	15,0
Viscosity, mm <sup>2</sup> /s @ 40 °C. ASTM D-445	106
Viscosity Index ASTM D-2270	146
Viscosity, Pumping mPa.s -20°C.	5100
TBN, mg KOH/g ASTM D-2896	11,5
Pour Point, °C ASTM D-5950	-39
Specific Gravity @ 15.6°C. ASTM D-4052	0,871
Flash Point, COC, °C. ASTM D-92	220

**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](http://www.valvolineeurope.com)

## Author:

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