



# Product Information

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



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 137/01

## Premium Blue™ 7800 15W-40

*Uniquely formulated heavy duty engine oil to provide enhanced lubricant performance in a wide range of Cummins diesel engines.*

Valvoline™ Premium Blue™ 7800 is exclusively recommended and endorsed by Cummins and specially designed to support longer drain intervals in heavy duty applications. The advanced product technology can help to maximize engine performance and durability and consequently can help reduce maintenance costs.

O.E.M. Approvals	
Cummins CES 20078	
Deutz DQC III-10	
MAN M 3275-1	
MTU Type 2	
Volvo VDS-3	417-0002-16-1307
Mack EO-N	
Renault VI RLD-2	

Performance levels
ACEA E7
API: CI-4
Caterpillar ECF-2
Cummins CES 20076, CES 20077
Detroit Diesel DFS 93K215, 93K214
Global DHD-1
MB-228.3

### Features and Benefits

#### THE ONLY ONE™

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

#### Unique formula for enhanced performance

With the support of Cummins, Valvoline developed a unique formula providing enhanced lubrication performance and supporting improved engine protection.

#### Superior acid neutralization

Special base additives can neutralize harmful acids over a longer period (TBN retention) and can contribute to reduced engine wear, reduced breakdown risk and lower maintenance costs.

#### Exceptional oxidation and viscosity control

A unique set of anti-oxidants in Premium Blue provide its superior performance. Different tests have demonstrated superior oxidation and viscosity control.

#### Excellent soot dispersancy

Dispersancy allows the oil to suspend and carry away pollutants of diverse sources, such as soot from combustion. The special technology used in this formula optimizes soot dispersancy and can help to reduce soot related engine wear.

#### Low Temperature Performance

Multiple tests have proven the superior cold flow performance of Premium Blue 7800 in extreme cold temperatures. In harsh winter conditions engine oil has the tendency to become thicker. Premium Blue 7800 is specially designed to protect the engine even in extreme winter conditions.

#### Compatible with EGR and SCR systems

Recommended for use in engines with Exhaust Gas Recirculation (EGR) and Selective Catalyst Reduction (SCR). Not recommended for engines with a Diesel Particulate Filter (DPF).



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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.

<b>Premium Blue 7800</b>	
<b>SAE Viscosity Grade</b>	15W-40
<b>Viscosity, mm<sup>2</sup>/s @ 100 °C.</b> ASTM D-445	14,7
<b>Viscosity, mm<sup>2</sup>/s @ 40 °C.</b> ASTM D-445	105
<b>Viscosity Index</b> ASTM D-2270	145
<b>Viscosity, mPa.s -20°C.</b> ASTM D-5293	<6800
<b>TBN, mg KOH/g</b> ASTM D-2896	11,7
<b>Pour Point, °C</b> ASTM D-5949	-45
<b>Specific Gravity @ 15.6°C.</b> ASTM D-4052	0,870
<b>Flash Point, COC, °C.</b> ASTM D-92	238

## 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](http://www.valvolineurope.com)

## Author:

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Replaces –

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Europe**

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