

# Product Information



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

*Lubricants - Heavy Duty Engine Oils*

Version: 1322/01

## VAVOLINE™ PREMIUM BLUE™ 7800 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).*

Valvoline™ Premium Blue™ 7800 15W-40 engine oil is designed to provide advanced lubricant performance in modern, low emission diesel engines. Valvoline™ Premium Blue® 7800 15W-40 has been specifically formulated for Cummins®, however it is ideal for mixed fleet operation due to the combination of North American and European credentials.

Valvoline™ Premium Blue™ 7800 15W-40 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.

### Performance Levels and Approvals

<i>Performance Levels/Approvals<sup>1</sup></i> Premium Blue™ 7800 15W-40
API CI-4 / SL
CUMMINS CES 20078 Approved
ACEA E7
MB 228.3
CAT ECF-2, ECF-1a
MACK EO-N, EO-M Plus
MTU TYPE 2/Type 1
Volvo VDS-3, VDS-2
GLOBAL DHD-1
JASO DH-1
MAN 3275

<sup>1</sup>Check owners' manual before use.

### Applications

Valvoline™ Premium Blue™ 7800 15W-40 engine oil includes advanced dispersants for exceptional soot control, engine durability and engine cleanliness.

It is suitable for use in various manufacturers such as Volvo and Mercedes Benz and it is also recommended for the American sourced engines, Cummins®, Caterpillar, and Mack.

Valvoline™ Premium Blue®™7800 15W-40 is Cummins endorsed and approved against CES 20078.

### Features and Benefits

#### **Enhanced Dispersant, detergent and deposit control**

Unique high levels of dispersive technology for better soot and viscosity control, high temperature deposit control for piston and ring/liner wear protection

#### **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.

#### **Compatible with EGR Systems**

Suitable for use in engines fitted with Exhaust Gas Recirculation (EGR) systems, *but not for DPF (Diesel Particulate Filter) equipped engines.*

# 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 Material and Safety Data Sheet (MSDS) is available on request via your local sales office or 1800 804 658 or through our website [www.valvoline.com.au](http://www.valvoline.com.au).

## 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>Valvoline™ Premium Blue™ 7800 15W-40</b>	
SAE Viscosity Grade	15W-40
Viscosity @ 100 °C, mm <sup>2</sup> /s, ASTM D445	15.0
Viscosity @ 40 °C, mm <sup>2</sup> /s, ASTM D445	113
Viscosity Index, ASTM D2270	138
Density @ 15°C, kg/L, ASTM D4052	0.874
CCS Viscosity, mPa.s @ -20°C, ASTM D5293	6000
TBN, mg KOH/g, ASTM D2896	10.5
Pour Point, °C, ASTM D5950	-39
Sulfated Ash, %mass, ASTM D874	1.36 (max)

Note: Premium Blue™ 7800 15W-40 may be unsuitable for use in some engines, always consult owners' manual if in doubt.

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

<b>Valvoline™ Premium Blue™ 7800 Part Number</b>	<b>Pack Size</b>
1322.50	5L
1322.20	20 L
1322.51	205 L
1322IBC	IBC

## People Who Know, Use Valvoline™

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.valvoline.com.au](http://www.valvoline.com.au) or contact the Valvoline Technical hotline on 1800 804 658 for product recommendations.

### Author:

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