

# PRODUCT INFORMATION



*Lubricants - Engine Oil - Heavy Duty Engine Oils*

Version: 137/05

## Premium Blue™ 7800 15W-40

**Premium Blue engine oil is “THE ONLY ONE”™ engine oil exclusively endorsed and recommended by Cummins.** Unique formula developed in partnership with Cummins to provide superior engine performance and protection for trucks, buses and other service fleets. PREMIUM BLUE 7800 15W-40 has been engineered to meet Cummins CES 20078, CES 20077, CES 20076 specifications. The advanced product technology can help to maximize engine performance and durability and consequently can help reduce maintenance costs.

### Approvals & Specifications

ACEA E7
API CI-4
Caterpillar ECF-2
Cummins CES 20078, CES 20077, CES 20076
Daimler Truck DTFR 15B110 (MB-228.3)
Detroit Diesel DFS 93K215, 93K214
Deutz DQC III-18
Global DHD-1
MTU Type 2
Volvo VDS-3
Mack EO-N
Renault VI RLD-2

### Features & Benefits

#### Formulated in Partnership with Cummins

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

#### Superior performance and protection

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

#### Excellent acid neutralization

Special additives will neutralize harmful acids and contribute to reduced engine wear, reduced breakdown risk and lower maintenance costs.

#### Exceptional oxidation and viscosity control

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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VALVOLINE EUROPE  
WIELDRECHTSEWEG 35  
3316 BG DORDRECHT  
NETHERLANDS

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## 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; 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)

For all OEM specifications visit:

<https://pisheets.valvoline.com/>

## 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 7800	
SAE Viscosity Grade	15W-40
Viscosity, mm <sup>2</sup> /s @ 100 °C. ASTM D-445	14.7
Viscosity Index ASTM D-2270	140
Viscosity, mPa.s -20°C. ASTM D-5293	5437
TBN, mg KOH/g ASTM D-2896	10.4
Pour Point, °C ASTM D-5949	≤ -33
Specific Gravity @ 15.6°C. ASTM D-4052	0.875
Flash Point, COC, °C. ASTM D-92	239

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

## Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet

<http://sds.valvoline.com>

## Protect the environment

Take used oil to an authorized collection point. Comply with local regulations. Do not discharge into drains, soil or water.

## Storage

We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

Replaces – 137/04

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