

# PRODUCT INFORMATION



Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 155/04

## Valvoline™ Premium Blue™ Gen 2 One Solution 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. Specially designed for natural gas, petroleum gas, propane, gasoline and diesel fueled heavy duty engines. PREMIUM BLUE™ ONE SOLUTION GEN 2 15W-40 is a conventional engine oil and has been engineered to meet Cummins CES 20092, 20086, 20085 specifications.**

### OEM Approvals

Allison TES-439

Cummins CES 20092, CES 20086

DDC 93K222

Mack EOS-4.5

Renault VI RLD-3

Volvo VDS-4.5

### Performance levels

API CK-4, CJ-4, CI-4+, CI-4, CH-4, SP, SN

Detroit Diesel DFS 93K218

Deutz DQC III-18LA

DTFR 15C100 (MB-228.31), DTFR 15B110 (MB-228.3)

JASO DH-2, DH-1

Mack EO-OPP

MAN M3775

MTU Type 2.1

Volvo VDS-4

### Application

With the use of CES 20092 compliant oils such as Premium Blue™ Gen 2 One Solution SAE 15W-40 Cummins Westport has recommended extended oil drain intervals for some engines and applications.

Applicable engines are:

Cummins Westport ISX12 G/ N

Cummins Westport ISL G/ Near Zero

Cummins Westport L9N

Cummins Westport B6.7

Cummins Westport ISB6.7G

### Features & Benefits

#### Formulated in Partnership with Cummins

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

#### Exceptional protection & oxidation and thermal stability control

Premium Blue engine oils are engineered with support of Cummins to provide superior performance in Cummins applications. The unique formulation consists of a combination of premium quality base oil in combination with carefully selected additives to provide maximum power output and protection in severe operating conditions. A unique set of anti-oxidants in Premium Blue engine oils provide superior performance. Different tests have demonstrated superior oxidation and thermal stability control.

#### Ultimate wear protection

The combination of premium quality base oil and carefully selected additives shows strong protection against valve train and bearing wear in severe heavy duty operating conditions.

#### Enhanced engine cleanliness

Advanced additives prevent oil thickening and promote longer engine life and long efficient engine operation.



TRUSTED FOR 150 YEARS™

VALVOLINE EUROPE  
WIELDRECHTSEWEG 39  
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 <https://www.valvolineglobal.com/en-eur/> or <http://pisheets.valvolineglobal.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 Gen 2 One Solution	
<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	111,9
<b>Viscosity Index</b> ASTM D-2270	135
<b>Viscosity, mPa.s -20°C</b> ASTM D-5293	< 6800
<b>TBN, mg KOH/g</b> ASTM D-2896	9,5
<b>Pour Point, °C</b> ASTM D-5949	-36
<b>Specific Gravity @ 15,6°C</b> ASTM D-4052	0,876
<b>Flash Point, COC, °C</b> ASTM D-92	224

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

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## 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.valvolineglobal.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 – 155/03

