

Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 160/02

Premium Blue Gen 2 One Solution™ 10W-30

Premium quality heavy duty engine oil. Uniquely formulated with special additive technology to offer ultimate protection and significantly improved thermal and oxidation stability.

Premium Blue Gen 2 One Solution™ 10W-30 is a premium quality medium ash engine oil recommended for use in CNG (Compressed Natural Gas), LNG (Liquefied Natural Gas), LPG (Liquefied Petroleum Gas), propane, diesel and gasoline engines allowing 0.7-0.9% sulfated ash, in urban bus, delivery truck, and other service fleets. The ash content of the oil is optimized to improve performance for long drain application. **Cummins CES 20092 approved.** For other engines, please refer to engine manufacturer's specification.

| O.E.M. Approvals |
|------------------------------------|
| Cummins CES 20092, 20086, 20085 |
| Mack EOS-4.5 |
| Renault RLD-3 |
| Volvo VDS-4.5 |
| Performance levels |
| ACEA E9 |
| API: CK-4, CI-4, CI-4+, CH-4, CJ-4 |
| API: SP/ SN |
| Detroit Diesel DFS 93K222 |
| Deutz DQC III-18LA |
| JASO DH-2/ DH-1 |
| MAN M3775 |
| MB-228.31/ 228.3 |
| MTU Type 2.1 |

Application

With the use of CES 20092 compliant oils such as Premium Blue Gen 2 One Solution™ SAE 10W-30 Cummins Westport has recommended extended oil drain intervals for some engines and applications.

Features & Benefits

THE ONLY ONE™

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

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.

Superior protection and performance

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.

Exceptional oxidation and thermal stability control

A unique set of anti-oxidants in Premium Blue engine oils provide superior performance. Different tests have demonstrated superior oxidation and thermal stability control.



PRODUCT INFORMATION



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

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 9200 | |
|--|--------|
| SAE Viscosity Grade | 10W-30 |
| Viscosity, mm²/s @ 100 °C. ASTM D-445 | 12,0 |
| Viscosity, mm²/s @ 40 °C. ASTM D-445 | 80,90 |
| Viscosity Index ASTM D-2270 | 142 |
| Viscosity, mPa.s -20°C. ASTM D-5293 | <6800 |
| TBN, mg KOH/g ASTM D-2896 | 10,4 |
| Pour Point, °C ASTM D-5949 | -33 |
| Specific Gravity @ 15.6°C. ASTM D-4052 | 0,867 |
| Flash Point, COC, °C. ASTM D-92 | 224 |

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 – 160/01

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