



Product Information

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Lubricants - Engine Oil - Heavy Duty Engine Oils

Version: 118/01

Premium Blue™ GEO Engine oil SAE 15W-40

Premium heavy-duty engine oil designed to provide advanced lubricant performance in Cummins natural gas fueled engines.

Premium Blue GEO SAE 15W-40 is a low ash engine oil endorsed by **Cummins** and suitable for urban bus, delivery truck and other service fleets fueled by CNG (Compressed Natural Gas), LNG (Liquefied Natural Gas) or Propane.

It is formulated with premium quality paraffinic basestocks and additive components to provide outstanding lubrication of gaseous-fueled engines. **Cummins** CES 20074 approved.

Approvals/Performance levels

SAE 15W-40
API: CD
Cummins 20074
Recommended for use in:
Caterpillar
Detroit Diesel
John Deere

Applications

Suitable for heavy-duty gas engines in trucks and buses and industrial applications.

Suitable for engines running on CNG (Compressed Natural Gas), LNG (Liquefied Natural Gas), or Propane.

Recommended by Valvoline for **Cummins** Series B, C, G5.9, G8.3 natural gas engines and also approved for **Detroit Diesel, John Deere** and **Caterpillar** dedicated natural gas engines for vehicular applications.

Features and Benefits

Reduced ash content

Ash content is minimized to reduce formation of "hot-spots" that can lead to increased NOx forming and catalyst poisoning.

Valve recession protection

Low oil consumption and piston deposit control, excellent shear stability

Enhanced valve train wear protection

Good catalyst compatibility and advanced oxidation control

Cummins endorsed

Specially developed with, approved and endorsed by **Cummins** against CES 20074.



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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 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.

SAE Viscosity Grade	15W-40
Viscosity, mm²/s @ 100 °C. ASTM D-445	15.0
Viscosity, mm²/s @ 40 °C. ASTM D-445	115.3
Viscosity Index ASTM D-2270	135
TBN, mg KOH/g ASTM D-2896	5.8
Pour Point, °C ASTM D-5950	-30
Specific Gravity @ 15.6°C. ASTM D-4052	0.870
Flash Point, COC, °C. ASTM D-92	218
Sulphated ash, wt. %	0.6
Foam test	pass

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

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.valvolineurope.com

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