

Valvoline™ Premium Blue™ GEO LA-ES

Valvoline™ Premium Blue™ GEO LA - ES is a superior low ash SAE 40 engine oil recommended for use in stationary high output, highly turbocharged, spark ignited natural gas engines. It is formulated with premium quality paraffinic base oils and additive components to provide outstanding extended drain capability in gaseous fuelled engines. The ash content of the oil is optimized to reduce spark plug fouling and forming of combustion chamber “hot-spots” that can lead to increased valve guttering, pre-ignition and knock.

Valvoline Premium Blue GEO LA-ES is approved by Cummins¹ for use in QSV81G, QSV91G, and QSK60G Series engines. It is formulated to meet the requirements of Cummins roller-follower natural gas engines in stationary service. It is also approved for use in **Waukesha Cogeneration** engines. For other engines, please refer to engine manufacturer’s specifications and oil testing requirements.

¹Please refer to Cummins QuickServe Online and the QSV91G and QSK60G O&M manuals for recommended engine oil drain interval. Always follow Cummins used oil testing guidelines.

Specifications and Approvals

Valvoline™ Premium Blue™ GEO LA-ES*
CES 14615 for Cummins <i>Approved</i>
QSV81G / QSV91G Eng. Series <i>Approved</i>
QSK60G Eng. Series <i>Approved</i>
Waukesha Cogeneration Eng. <i>Approved</i>
Caterpillar
MWM (Deutz)
Dresser-Rand (Categories I, II, III)
GE Jenbacher
Superior
Wärtsilä
Waukesha

*Check owners’ manual before use.

Applications

Suitable for stationary high output, highly turbocharged, spark ignited natural gas engines.

Approved by approved by **Cummins** for use in QSV81G, QSV91G, and QSK60G Series engines.

It is also approved for use in **Waukesha Cogeneration** engines.

For other engines please refer to engine manufacturer’s specifications.

Features and Benefits

THE ONLY ONE™

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

Reduced ash content

Ash content of the oil is optimized to reduce spark plug fouling, pre-ignition and forming of combustion chamber “hot-spots” that can lead to valve guttering, pre-ignition and knock.

Superior Engine protection

State-of-the-art formulation technology providing excellent wear protection, engine cleanliness and oxidation and nitration control.

Extended Service Interval

Recommended for extended oil drain intervals with supporting oil analysis as proven in severe engine testing.

Cummins endorsed

Specially developed, approved and endorsed by Cummins for QSV81/91G and QSK60G series engines. Formulated to meet the requirements of Cummins’ CES 14615 Engine Oil Specification.

Applications

Low ash engine oil recommended for use in stationary high output, highly turbocharged, spark ignited natural gas engine

Long Life

Extended drain interval by excellent TBN retention, nitration and oxidation control. The control of viscosity increase and acidic content increase in the oil leads to longer oil life

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 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 or contact the Technical Hotline on 1800 804 658 for product recommendations.

Typical Properties

Typical property characteristics are based on current production. Whilst future production will conform to Valvoline™ specifications, variations in these characteristics may occur.

Valvoline™ Premium Blue™ GEO LA-ES	Typical
SAE Viscosity Grade	40
Viscosity @ 100 °C, mm ² /s, ASTM D445	13.7
Viscosity @ 40 °C, mm ² /s, ASTM D445	124
Viscosity Index, ASTM D2270	107
Density @ 15 °C, kg/L, ASTM D4052	0.8723
Total Base Number, mg KOH/g, ASTM D2896	4.6
Sulphated Ash, wt %	0.56
Flash Point (COC), °C, ASTM D92	282
Pour Point, °C, ASTM D5950	-30

Note: Valvoline™ Premium Blue™ GEO LA-ES engine oil 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

Part Number	Pack Size
1372.51	205L
1372 IBC	1000L

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request via your local sales office or 1800 804 658 or through our website www.valvoline.com.au

Protect the Environment

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

Storage

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.

Author:

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