

LUBRICANTS

Different engines have different needs

New technology, higher kilometers, different driving conditions and extended service intervals all have a real impact on engine oil demands. That's why Valvoline products go beyond industry specifications to achieve maximum performance and provide superior protection. With Valvoline, innovative chemistry is linked with recognized brands making it easy to choose the right products.





ENGINE OIL

Why is engine oil important?

The primary function of engine oil is to keep metal from touching metal. An engine contains hundreds of moving parts that must be protected if metal surfaces come in contact, wear occurs and friction will increase dramatically. With friction comes heat, which causes more wear and distorts moving engine parts. The oil in your engine maintains a thin, lubricating film on all metal parts that lets them glide over each other, minimizing friction.



PREMIUM BLUE® ENGINE OIL

The technology behind Premium Blue engine oils was developed in partnership with Cummins Inc., the world's largest producer of commercial diesel engines above 50 horsepower. By combining the innovation and proven performance of premium Valvoline lubricants with Cummins' unparalleled expertise in diesel engines, we have taken engine design and lubricant technology to new performance levels. This partnership continues to create high-performance products such as Premium Blue engine oils, which are designed for extended engine life and increased protection in all heavy duty diesel applications.

Premium Blue 15W-40

- > Premium Blue engine oil is exclusively recommended and endorsed by Cummins Inc. Premium Blue oil is designed to provide advanced lubricant performance in modern, low-emissions diesel engines, including those with cooled Exhaust Gas Recirculation (EGR). It is a higher Total Base Number (TBN) product designed for the latest diesel engine specification from API, ACEA, and OEMs (including Cummins) that allow for higher sulfated ash products. The advanced technology of Premium Blue oil offers a long-life, extended drain capability through a balanced formulation that helps maximize engine durability.

Performance Levels/Approvals >

Premium Blue 15W-40

ACEA E7-04, API CF-4, CG-4, CH-4, CI-4, SL, MB 228.3, Volvo VDS-3, MAN 3275, Cummins CES 20.071/2/6/7/8, Mack EO-M Plus, Global DHD-1, Renault RVI RLD/RLD-2

Premium Blue Extreme 5W-40

- > Premium Blue engine oil is formulated with high-quality synthetic basestocks and a boosted additive system to meet the stringent demands of modern diesel engines including EGR (Exhaust Gas Recirculation) and DPF (Diesel Particulate Filter) control systems, operating under standard and extended service intervals. Premium Blue oil provides fuel economy benefits for on-highway Class 8 trucks (weight > 15,000 kg). Statistically significant test results find up to 3% maximum improvement in fuel economy using SAE J1321/TMC RMP 1103, Type II techniques tested by independent laboratory.

Performance Levels/Approvals >

Premium Blue Extreme 5W-40

API CJ-4, API CI-4 Plus, API CI-4, API CH-4, CG-4, CF-4, CF/SM, ACEA E9-08, ACEA E7-08, Cummins CES 20081, Mack EO-O Premium Plus, Volvo VDS-4, Detroit Diesel 93K218, Caterpillar ECF-3,

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Premium Blue GEO 15W-40

- > Premium Blue motor oil is designed for dedicated natural gas engines for vehicular applications. This product is suitable for gas engines where the OEM allows the use of engine oils with a sulphated ash content of < 1% wt. OEM specifications should be checked before use. Valvoline Premium Blue GEO keeps the engine clean and protects against corrosion and wear, and has the ability to neutralize acids and resist oxidation and nitration which helps to prevent oil thickening. Premium Blue GEO 15W-40 is a high-quality mineral motor oil with an advanced additive system for a longer engine life.

Performance Levels/Approvals >

Premium Blue GEO 15W-40

API CD, Cummins 20074, Caterpillar*, Detroit Diesel*, John Deere*

Premium Blue GEO-LA 40 /GEO-MA 40

- > Premium Blue universal motor oil is designed for stationary engines running on natural gas and bio-gas, and is suitable for gas engines where the OEM allows the use of engine oils with a sulphated ash content of < 1% wt. OEM specifications should be checked before use. Keeps the engine clean and protects against corrosion and wear, and also has the ability to neutralize acids, and resist oxidation and nitration, which helps to prevent oil thickening. Premium Blue GEO-LA /GEO MA 40 are high-quality mineral motor oils with an advanced additive system for a longer engine life.

Performance Levels/Approvals >

Premium Blue GEO-LA 40/GEO-MA 40

API CD, Cummins QSV 81/91 series, Caterpillar, Dresser-Rand*, Waukesha*; API CF

Material Number Table	5L	20L	208L	1000L	BULK
Premium Blue Extreme 5W-40		703679	VE17778		
Premium Blue 15W-40	VE17711	VE17706	VE17718	VE17715	VE17719

Material Number Table	5L	20L	208L	BULK
Premium Blue GEO-LA 40			VE17758	VE17759
Premium Blue GEO-MA 40			VE17798	VE17799