

# Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



## Valvoline Premium Blue<sup>®</sup> Engine Oil

Valvoline's Premium Blue Engine Oil is designed to provide advanced lubricant performance in modern, emissions treatment equipped diesel engines, including all types of Exhaust Gas Recirculation (EGR), Diesel Particulate Filters (DPF), and other modern diesel engine technology. When used in conjunction with Ultra-Low Diesel Sulfur fuel, this product technology offers a long-life, extended drain approved\*, balanced formulation which helps maximize engine durability as well as after-treatment cleanliness.

### The Premium Blue Advantage

- Cummins approved for 5,000-mile oil drain extension, under normal and light duty, for 2007 and later engines.
- Unique dispersive polymer technology (DPT)
- Valvetrain wear protection and reduced oil filter restriction at high soot levels.
- High temperature deposit control, including single and two-piece pistons, and ring/liner wear protection.
- Higher TBN level and TBN retention for long-life performance, while meeting all chemical limits.

Valvoline's Premium Blue Engine Oil is endorsed by Cummins Engine Company and has been tested extensively by Cummins in stationary and on-road EGR engines, including those equipped with DPFs. It is approved against the CES 20081 specification. It is also approved against Mack EO-O Premium Plus, Volvo VDS-4, and DDC Power Guard 93K218 specifications. It exceeds the lubrication requirements for Caterpillar, Detroit Diesel, Navistar, other heavy duty diesel engines, including engine performance requirements of Caterpillar ECF-3 and the Global DHD-1 Specification. The product meets API CJ-4, CI-4 Plus, CI-4, CH-4, CG-4, CF-4, CF / SM, and Komatsu Tier 4i, the performance requirements of ACEA E7-08, E9-08, and the engine requirements of MB 228.31, DEUTZ DQC III-10 LA, MTU Category 2.1, 2, and 1, DDC 2000/4000 Series Type2/Type 1, MAN 3275, and MAN 271. It provides excellent performance in "mixed fleet" gasoline engines, pickup and delivery, city fleet, long haul over-the-road, and off-highway applications and meets all the requirements for Tier IV off-road engines and is backwards compatible with Tier III.

Typical Properties	15W-40
Specific Gravity, 15 C	0.879
Viscosity @ 40 C, cSt	118
Viscosity @ 100 C, cSt	15.2
Viscosity Index	134
CCS Viscosity @ - 20 C, cP	6500
Borderline Pumping Viscosity @ - 25 C, cP	20,000
High Temp. High Shear Viscosity @ 150 C, cP	4.2
Noack Volatility, % loss	12.0
Pour Point, deg. C	-30
Sulfated Ash, %	<1.0
Total Base Number (D-2896)	10
Foam / Aeration Test	Pass

Part Numbers	
Bulk	VV705290
55 Gallon Drum	VV70505
5 Gallon Plastic Pail	VV70506
1 Gallon Jug	773780
Tote	VV70505414

Endorsed and Recommended by Cummins Inc.



\* Approval is for Cummins ISX and ISM engines On-Highway. To determine your optimum maintenance interval, consult your owner's manual or call Valvoline at 1-800-ALL-FLEET. Results may vary based on environment, operating, and maintenance procedures.

Refer to Valvoline's Material Safety Data Sheet for health and safety information.

This information only applies to products manufactured in the following location(s): USA, Canada.

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**ASHLAND**