

# Product Information

A PRODUCT OF VALVOLINE, A DIVISION OF ASHLAND INC.



## Valvoline™ Premium Blue™ Synthetic Blend Engine Oil

Valvoline's Premium Blue 10W-30 Engine Oil is a blend of premium conventional and synthetic base oils, 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 on-highway service, for 2013 ISX engines\*.
- Superior shear stability and viscosity control
- Unique Dispersive Polymer Technology (DPT)
- Improved fuel economy over conventional SAE 15W-40 engine oils.
- 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 retention for long-life performance, while meeting all chemical limits.

Valvoline's Premium Blue 10W-30 Engine Oil is endorsed by Cummins Inc. and has been tested extensively in stationary and 2013 on-road engines. It is approved against the Cummins CES 20081, Mack EO-O Premium Plus, Volvo VDS-4 and DDC 93K218 specifications.

The product is licensed API CJ-4/SM, CI-4 Plus, CI-4, CH-4, and meets API CG-4, CF-4, CF, the performance requirements of ACEA E7-08, E9-08, Caterpillar ECF-3, MB p228.31, and Komatsu Tier 4i, and the engine requirements of MTU Category 2.1, 2, and 1, MAN 3275, and MAN 271, Global DHD-1 and JASO DH-2 specification. 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	SAE Grade 10W-30
Specific Gravity, 15 C	0.87
Viscosity @ 40 C, cSt	79.2
Viscosity @ 100 C, cSt	11.9
Viscosity Index	144
CCS Viscosity @ - 25 C, cP	6400
Borderline Pumping Viscosity @ - 30 C, cP	Pass
High Temp. High Shear Viscosity @ 150 C, cP	3.5
Noack Volatility, % loss	13
Pour Point, deg. C	-36
Sulfated Ash, %	<1.0
Total Base Number (D-2896)	10
Foam / Aeration Test	Pass
Part Numbers	
Bulk	816067
Tote	841378
55 Gallon Drum	817317
1-Gallon Jug	818289

Endorsed and Recommended by Cummins Inc.



\* To determine your optimum maintenance interval, consult your owner's manual

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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