

Product Information

A PRODUCT OF VALVOLINE INC.



Valvoline Premium Blue™ 8600 ES Diesel Engine Oils

Valvoline™ Premium Blue™ is “The Only One”™ exclusively endorsed and recommended by Cummins. It’s designed to provide performance and protection in modern, emissions treatment equipped diesel engines, including those with Exhaust Gas Recirculation (EGR), Diesel Particulate Filters (DPF), and other modern diesel engine technology. Valvoline Premium Blue 8600 ES has a unique 10,000 mile drain extension in Cummins X15 engines enabling up to 60,000 miles when average fuel efficiency is 6.5 mpg or higher.

The Premium Blue™ 8600 ES Advantage:

- Excellent oxidation resistance and TBN retention supports long oil life
- Strong shear stability provides stay-in-grade performance
- Outstanding wear protection
- Superior deposit protection compared to industry requirements
- Tested extensively by Cummins in various engine applications

Valvoline Premium Blue™ 8600 ES is approved for Cummins CES20086, Mack EOS-4.5, Volvo VDS-4.5, Detroit Diesel 93K222, Deutz DQC III-10LA and is licensed for API services CK-4, CJ-4, CI-4 Plus, CI-4, CH-4 and meets the engine test requirements of API SN, SM, and all prior API gasoline categories.

Typical Properties	10W-30 (Synthetic Blend)	15W-40
Density (g/cm ³)	0.87	0.88
Viscosity @ 40 C, cSt	80.8	117
Viscosity @ 100 C, cSt	12.0	15.1
Viscosity Index	143	138
CCS Viscosity @ - 20 C, cP	-	6500
CCS Viscosity @ -25 C, cP	6500	-
Borderline Pumping Viscosity @ - 25 C, cP	-	Pass
Borderline Pumping Viscosity @ - 30 C, cP	Pass	-
High Temp. High Shear Viscosity @ 150 C, cP	3.5	4.3
Noack Volatility, % loss	11	11
Pour Point, deg. C	-36	-30
Sulfated Ash, %	<1.0	<1.0
Total Base Number (D-2896)	11	11
Part Numbers		
Bulk	816067	VV705290
55 Gallon Drum	817317	VV70505
5 Gallon Plastic Pail	851881	VV70506
2/2.5 Gallon Jug		881173
1 Gallon Jug	818289	773780
Tote	841378	853216

Refer to Valvoline’s Safety Data Sheets for health and safety information.

Endorsed and Recommended by Cummins Inc.

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

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N/A

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Author's Initials:
ERM