

VALVOLINE™ PREMIUM BLUE™ 8600 ES 15W-40 ENGINE OIL

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) and Diesel Particulate Filters (DPF). 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 Advantages:

- 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
- Premium lubricant designed to protect heavy duty, utility, and pickup diesel engines under severe service in both on and off highway applications including the requirements of Cummins, Caterpillar, Detroit Diesel, Navistar, Mack and Volvo

Valvoline Premium Blue 8600 ES is Approved or Recommended for applications where Cummins CES 20086, Mack EOS-4.5, Volvo VDS-4.5, Detroit Diesel DFS 93K222, DFS 93K218, Deutz DQC III-10LA, Renault VI RLD-4, Allison TES-439, ACEA E9, ACEA E7, MB 228.31, MTU Category 2.1, Caterpillar ECF-3, or JASO DH-2 are specified

Valvoline Premium Blue 8600 ES is licensed for API services CK-4, CJ-4, CI-4 PLUS, CI-4, CH-4, SN, SM and all prior API gasoline categories.

Typical Properties:

	15W-40
Density (g/cm ³)	0.88
Viscosity @ 40 C, cSt	117
Viscosity @ 100 C, cSt	15.1
Viscosity Index	138
CCS Viscosity @ - 20 C, cP	6500
Borderline Pumping Viscosity @ - 25 C, cP	Pass
High Temp. High Shear Viscosity @ 150 C, cP	4.3
Noack Volatility, % loss	11
Pour Point, deg. C	-30
Sulfated Ash, %	<1.0
Total Base Number (D-2896)	10.5

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

Endorsed and Recommended by Cummins Inc.

™ Trademark, Valvoline Inc. or its subsidiaries



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

Effective Date:
6/8/2017

Expiration Date:
N/A

Replaces:
4/24/2017

Author's Initials:
ERM

VALVOLINE™ PREMIUM BLUE™ 8600 ES 10W-30 SYNTHETIC BLEND

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Valvoline Premium Blue 8600 ES 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
Density (g/cm ³)	0.87
Viscosity @ 40 C, cSt	80.8
Viscosity @ 100 C, cSt	12.0
Viscosity Index	143
CCS Viscosity @ - 20 C, cP	6500
Borderline Pumping Viscosity @ - 25 C, cP	Pass
High Temp. High Shear Viscosity @ 150 C, cP	3.5
Noack Volatility, % loss	11
Pour Point, deg. C	-36
Sulfated Ash, %	<1.0
Total Base Number (D-2896)	10.5

Part Numbers:

	10W-30	15W-40
Bulk	816067	882045
55 Gallon Drum	817317	882191
5 Gallon Plastic Pail	851881	882194
1 Gallon Jug	818289	
Tote	841378	

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