

VALVOLINE PREMIUM BLUE ONE SOLUTION GEN2



HEAVY DUTY

Increased Protection | Proven Performance

Valvoline Premium Blue One Solution Gen2 Engine Oil is “The Only One”™ exclusively endorsed and recommended by Cummins.

Once again Valvoline™ innovates with Valvoline Premium Blue One Solution™ Gen2 an Extraordinary Premium engine oil formulated to provide extended oil drain intervals for Heavy Duty Diesel and Natural Gas Engines.



FULLY BACKWARD COMPATIBLE

Recommended for use in buses, trucks, and other service fleets fueled by Diesel, Gasoline, CNG (Compressed Natural Gas), LNG (Liquified Natural Gas) or propane. Premium Blue One Solution Gen2 is fully backwards compatible in natural gas engines requiring CES 20085. In diesel applications it can be used where API Service CJ-4, CI-4 PLUS, CI-4, CH-4, SN, SP and all prior API gasoline categories are called for.

APPLICATION GUIDE

OEM	TEST	ENDORSED	APPROVED
energy API	CK-4, SP		✓
	CES 20092, CES 20086	✓	✓
	EOS-4.5		✓
	VDS-4.5		✓
	DFS 93K222		✓
	VI RLD-3		✓



For any product related questions please call **1-800-TEAM-VAL**

	6/1 QT	3/1 GA	5 GA Pail	5 GA ABB	55 GA Drum	325 GA Tote	BULK
10W-30	881428	891017	891015	-	891013	891019	891003
15W-40	882879	891007	891005	891025	891011	891009	891001

Premium Blue One Solution Gen2 also meets or exceeds the requirements for Caterpillar ECF-3, Mercedes-Benz MB 228.31, ACEA E7/E9, MTU 2.1, MAN M3775, Deutz DQC III-18 LA

HOW THE TOUGH GET GOING.™

TRUSTED FOR 150 YEARS™



VALVOLINE PREMIUM BLUE ONE SOLUTION GEN2

FEATURES & BENEFITS:

THE ONLY ONE ENDORSED

Premium Blue One Solution Gen2 is a premium blend engine oil developed thru our **25 year close collaboration with Cummins** to perform and protect engines fueled by **diesel, natural gas, or gasoline**. Valvoline™ Premium Blue™ One Solution Gen2 is the only engine oil endorsed and recommend by Cummins.



"Premium Blue One Solution Gen2 demonstrated the best oxidation performance measured by Cummins internal testing as part of the CES 20092 specification development. Extensively tested, Valvoline Premium Blue One Solution Gen2, is formulated to perform in diesel, natural gas and gasoline engines and helps reduce working capital investment with inventory consolidation."

-James Scarbrough (Chief Engineer – Spark Ignited Platforms, Cummins Inc.)

ELIMINATES THE NEED FOR MULTIPLE ENGINE OILS

Designed to protect engines fueled by diesel, natural gas, and gasoline under severe service in both on and off highway applications, allowing you to consolidate your inventory, increase your working capital and avoid critical failures by reducing the potential for human error.



HOW THE TOUGH GET GOING.™

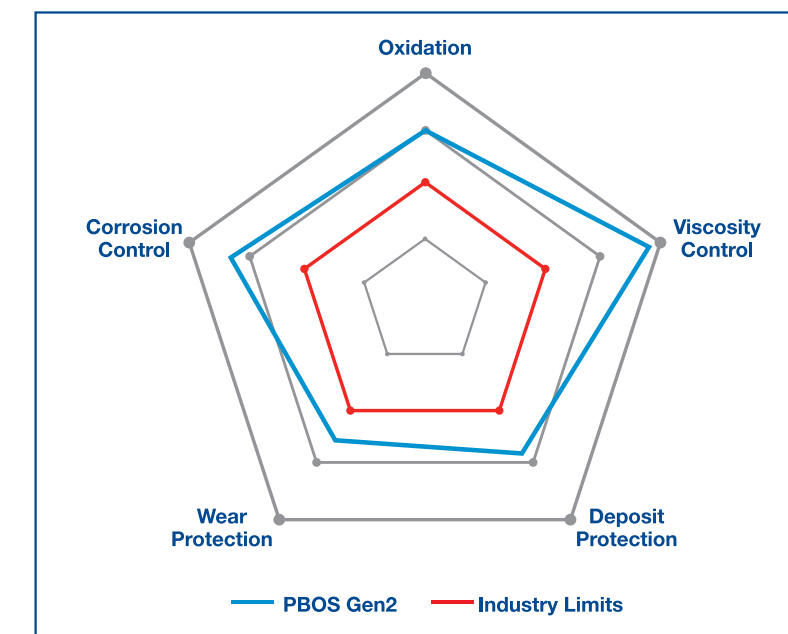
EXTENDED DRAIN INTERVALS IN CUMMINS DIESEL ENGINES

By sharing technology and product development at every level with over hundreds of thousands of hours and millions of miles of engine laboratory and real world testing, Valvoline and Cummins have taken engine lubrication to a whole new level, increasing another 5,000 miles to existing Oil Drain Intervals on X15 and X12 engine models.*

	Severe <5.0 mpg	ShortHaul 5.0 - 5.9 mpg	Normal 6.0 - 6.9 mpg	Light >7.0 mpg
Premium Blue One Solution Gen2	30,000 miles	45,000 miles	55,000 miles	80,000 miles
Everyone Else	25,000 miles	40,000 miles	50,000 miles	75,000 miles

* Unique 5,000-mile drain extension for Premium Blue One Solution Gen2 and premium Blue Extreme in Cummins X15 engines enabling up to 80,000 miles when average fuel efficiency is 7 mpg or higher.

HEAVY DUTY DIESEL PERFORMANCE YOU CAN RELY ON - THE GEN2 ADVANTAGE



- Oxidation resistance that exceeds CK-4 limits by at least 53%
- 90% Viscosity Control against CK-4 limits, providing continued engine Protection
- 33% Piston deposit reduction compared to API CK-4 limits
- 20% Better Wear Protection when compared to CK-4 limits
- 65% Corrosion Control

* Relative performance based on results from the Cummins ISM, ISB and Mack T-12 engine test based on percent difference calculations
Relative performance based on results from the Caterpillar 1N and Caterpillar C-13 engine tests based on percent difference calculations
Relative performance based on results from the Volvo T13 engine test based on percent difference calculations.

EXTENDED DRAIN INTERVALS IN NATURAL GAS ENGINES

Valvoline Premium Blue One Solution Gen2 is the Only One™ endorsed by Cummins against CES 20092 and offers extended oil drain intervals in natural gas applications when compared to previous CES categories. This new oil is specially designed to improve oxidation and thermal stability compared to oils formerly recommended in stoichiometric combustion natural gas engines (CES 20074 and CES 20085).

Engine Model	Premium Blue One Solution Gen2	Everybody Else
ISL G / L9N	1,500 hours	1,000 hours