



## ***Heavy-Duty Engine Oil***

PureGreen® Heavy-Duty Engine Oil 15W-40 is a premium motor oil designed to provide superior performance in a broad range of heavy-duty engine applications. PureGreen Heavy-Duty Engine Oil is particularly recommended for four-stroke cycle engines using low sulfur EPA diesel or ultra low sulfur diesel (ULSD) fuel.

PureGreen Heavy-Duty Engine Oil is formulated with premium re-refined base oils and an advanced additive system to provide outstanding wear and deposit protection during cold engine start-up through maximum operating temperatures. It provides superior protection in all climates and driving conditions, from stop-and-go city driving to long-distance hauling. It provides the unique combination of ultimate engine protection and environmental conservation.

PureGreen Heavy-Duty Engine Oil is recommended for all engines requiring API CI-4 or CH-4 quality oils. It is also recommended for applications that require a Cummins CES 20078, 20077, 20076, 20071, Mack EO-N, EO-M Plus, EO-M, EO-L plus or EO-L and Caterpillar ECF-2 performance level. This multi-dimensional oil can also be used in gasoline engines or natural gas conversions that require an API SL or SJ quality oil.

PureGreen Heavy-Duty Engine Oil conserves irreplaceable petroleum resources and delivers performance equal to or greater than top conventional lubricants. It is designed for use in truck fleets, agricultural equipment, bus fleets, marine fleets, and in mixed fleets that include both gasoline and diesel engines.

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Typical test data are average values only and as such minor variations from these values are to be expected in normal production and will not affect the performance characteristics of this product.

**Meets API/ILSAC**-CI-4, CH-4, CG-4, CF-4, CF & SL, SJ, SH.

**Meets ACEA**-E3-96 Issue 3, E%-99, B3-98

**Meets Engine Manufacturer Performance Requirements for**-Cummins CES 20078, 20077, 20076, 20071 & Mack EO-N, EO-M Plus, EO-M, EO-L Plus, EO-L & Daimler Chrysler 228.1, Chrysler MS 6395-G & Ford ESE-M2C153-E & General Motors 6094-M & MIL-L-2104E, MIL-L-46152E (obsolete) & Allison C4 & Caterpillar ECF-2 & TO-2 fluids, Department of Defense CID-a-a-52306A2, A-A-52039A3 & Volvo VDS & BMW, VW and many others.

### ***PureGreen Heavy-Duty Engine Oil*** **TYPICAL INSPECTION TESTS**

SAE Grade	15W-40
API Service	CI-4/SL
API Gravity	29.0
Flash Point, °C (°F)	230 (447)
Viscosity, cP @ -20°C (Cold Crank, CCS)	6600
Viscosity, cSt @ 40°C	115.7
Viscosity, cSt @ 100°C	15.1
Viscosity Index	140
Total Base Number, D2896	10
Ash, Sulfated, wt.%	1.3
Zinc, wt.%	0.13
Phosphorus	0.12
Re-Refined Base Oil, %	>75