



## **NORTH AMERICAN LUBRICANTS, CO.**

### ***Puratech Truck-Tested Heavy-Duty Motor Oil API CI-4, CH-4, CG-4, CF-4, CF/ SL, SJ, SH***

Puratech Truck-Tested Heavy-Duty Motor Oil is a premium oil designed to provide superior performance in a broad range of diesel and gasoline engines. Puratech Truck-Tested Motor Oil is particularly recommended for four-stroke cycle engines using low sulfur EPA diesel or U.S. non-EPA diesel fuels.

This outstanding product is recommended for all engines requiring API CI-4, CH-4, CG-4, CF-4, CF, CD-II, CD, SL, SJ, or SH quality oils. Puratech Truck-Tested Motor Oil 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 quality motor oil. This multi-dimensional oil can also be used in gasoline engines or in natural gas conversions that require an API SL, SJ or SH oil.

Puratech Truck-Tested Oil is formulated with state-of-the-art base oils and additive systems 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.

Puratech Truck-Tested Motor Oils are typically used by 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 TO-2 fluids & Department of Defense CID-a-a-52306A2, A-A-52039A3 & Volvo VDS & BMW, VW and many others.

#### ***Puratech Truck-Tested Motor Oil*** **TYPICAL INSPECTION TESTS**

SAE Grade	15W-40
API Service	CI-4/CH-4/CG-4/CF-4/CF/SL/ SJ/SH
API Gravity	29.0
Flash Point, °C (°F)	230+ (447+)
Viscosity, cP @ -20°C (Cold Crank, CCS)	6600
Viscosity, cSt @ 40°C	116
Viscosity, cSt @ 100°C	15.3
Viscosity Index	141
Total Base Number, D2896	10
Ash, Sulfated, wt. %	1.3
Zinc, wt. %	0.13
Phosphorus	0.12