

## PURUS® HEAVY DUTY SYNTHETIC BLEND 10W-30 CJ-4 ENGINE OIL

Manufactured with virgin base oils and licensed additive systems

**DESCRIPTION:** PURUS® Premium Heavy Duty Synthetic Blend 10W-30 CJ-4 Engine Oil represents the highest level of engine protection and performance ever built into a new lubricant specification. It was designed for all diesel engine applications, including today's emission controlled engines with EGR and diesel particulate filters using Ultra-Low Sulfur Diesel fuel (<15 PPM Sulfur) (ULSD) and Low Sulfur Diesel (LSD). It is formulated to provide improved wear protection, deposit and oil consumption control, soot-related viscosity control, prevention of viscosity loss from shearing, and excellent low temperature properties helps speed cold starts. It also contains a sophisticated additive system that is specifically designed to improve the protection of advanced emission control systems such as diesel particulate filters. It is suitable for use in almost all foreign and domestic diesel engines for both the latest 2007 emission compliant and older engines. Always consult your owner's manual for proper application.

### PERFORMANCE

#### BENEFITS:

PURUS® Premium Heavy Duty Synthetic Blend 10W-30 CJ-4 Engine Oil meets API Service Classification CJ-4, CI-4 PLUS, CI-4, CH-4, SM, SL, SJ. It is recommended for Caterpillar ECF-1a, ECF-2, ECF-3. It is approved for use in applications calling for Mack EO-O Premium Plus, Volvo VDS-4, Detroit Diesel 93K218, Cummins CES 20081, 20077, 20076 and Renault RLD-3. It is recommended for Caterpillar ECF-2, ECF-3, Mack EO-N Premium Plus 03, Mack EO-N Premium Plus, EO-M Plus, EO-M, Mercedes Benz 228.31 and 228.3, Volvo VDS-3, DHD-1, and JASO DH-2 MAN 3575. It can also be used in applications recommending Allison C-4 and Caterpillar TO-2 specifications.

- Handles double the soot of API CI-4 oils
- Protects emission control systems
- Outstanding oxidation stability
- Universal product for mixed fleet operations
- High 10 TBN

#### TYPICAL PROPERTIES:

Product Data	Test Method	Typical
@ 100°C, cSt	D445	11.9
Viscosity Index	D2270	145
Pour Point °C (°F)	D97	-30
Flash Point °C (°F)	D92	238 (460)
Neutralization No., TBN-E	D2896	10
Sulfated Ash, wt. %	D874	1.0
Cold Crank Simulator, cP	D5293	6648/-25°C

