

PURUS[®]

PURUS[®] SYNTHETIC BLEND 15W-40 CJ-4 ENGINE OIL

Manufactured with highly refined virgin base oils and licensed additive systems

DESCRIPTION: PURUS[®] 15W-40 CJ-4 Synthetic Blend Engine Oil represents the highest level of engine protection and performance specifications. 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 with a blend of synthetic and conventional base oils to provide improved wear protection, deposit and oil consumption control, soot-related viscosity control, prevention of viscosity loss from shearing, used oil low-temperature pumpability and protection from thermal and oxidative breakdown. 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.

APPLICATIONS: PURUS[®] 15W-40 CJ-4 Synthetic Blend Engine Oil meets API Service Classification CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF/SN, SM, SL, SJ, SH. It is approved for use in applications calling for Mack EO-O Premium Plus, Volvo VDS-4, DDC Power Guard Oil Specification 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 228.3, MAN 3275, DDC/MTU Series 2000/4000 category 1 and 2 engine performance, Volvo VDS-3, DHD-1, ACEA E7-04, and JASO DH-2. It can also be used in applications recommending Allison C-4 and Caterpillar TO-2 specifications.

PERFORMANCE BENEFITS:

- Excellent soot-viscosity control
- Outstanding oxidation stability
- Synthetic Blend formulation
- Universal product for mixed fleet operations
- Minimizes valve train wear
- Excellent low temperature properties helps speed cold starts



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SAE Grade	15W-40	
API CJ-4, CI-4 PLUS, CH-4, CG-4, CF-4, CF/SN, SM, SL, SJ, SH	X	
Caterpillar ECF-2, ECF-3	X	
Cummins CES 20081, 20077, 20076	X	
Mack EO-O Premium Plus, Mack EO-N Premium Plus 03, EO-N Premium Plus, EO-M Plus, EO-M	X	
Mercedes Benz 228.3	X	
MAN 3275	X	
DHD-1, ACEA E7 and E5	X	
Volvo VDS-4, VDS-3	X	
DDC Power Guard 93 K218 DDC/MTU Series 2000/4000 1 and 2 engine performance	X X X	
Allison C-4	X	
Global DHD-1	X	
JASO DH-2	X	
Renault RLD-3	X	
Product Data	Test Method	Typical
@ 40° C, cST	D445	115
@ 100°C, cST	D445	15.5
Viscosity Index	D2270	142
Pour Point °C (°F)	D97	-34 (-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	6210/-20°C



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