

# SERVICE PRO®

## Premium Lubricants

### SERVICE PRO® PREMIUM HEAVY DUTY 15W40 CJ-4 ENGINE OIL

Manufactured with highly refined virgin base oils and licensed additive systems

**DESCRIPTION:** SERVICE PRO® Premium Heavy Duty Engine Oil 15W40 CJ-4 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, 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:** SERVICE PRO® Premium Heavy Duty CJ-4 Engine Oil meets API Service Classification CJ-4, CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF/SM, SL, SJ, SH. It is suitable for use in applications calling for Mack EO-O Premium Plus, Volvo VDS-4, DDC Power Guard Oil Specification 93K218, Cummins CES 20081, Renault RLD-3, ACEA E7. It is recommended for Caterpillar ECF-1a, ECF-2, ECF-3, Mack EO-N Premium Plus 03, Mack EO-N Premium Plus, EO-M Plus, EO-M, Mercedes Benz 228.31, MAN 3275, DDC/MTU Series 2000/4000 category 1 and 2 engine performance, Cummins CES 20077, 20076, Volvo VDS-3, DHD-1, ACEA E7-04 E5 and E3, JASO DH-2.

**PERFORMANCE  
BENEFITS:**

- Excellent soot-viscosity control
- Outstanding oxidation stability
- Excellent low temperature properties helps speed cold starts
- Universal product for mixed fleet operations

SAE Grade	15W-40	Product Data	Test Method	Typical
API CJ-4, CI-4 PLUS, CH-4, CG-4, CF-4, CF/SM, SL, SJ, SH	X	@ 40° C, cST	D445	120
Caterpillar ECF-1a, ECF-2, ECF-3	X	@ 100°C, cST	D445	15.7
Cummins CES 20081, 20077, 20076	X	Viscosity Index	D2270	138
Mack EO-O Premium Plus, Mack EO-N Premium Plus 03, EO-N Premium Plus, EO-M Plus, EO-M	X	Pour Point °C (°F)	D97	-33 (-27)
Mercedes Benz 228.31	X	Flash Point °C (°F)	D92	238 (460)
MAN 3275	X	Neutralization No., TBN-E	D2896	10
DHD-1, ACEA E7-05, E7 and E5	X	Sulfated Ash, wt. %	D874	1.0
Volvo VDS-4, VDS-3	X	Cold Crank Simulator, cP	D5293	6620/-20°C
DDC Power Guard 93 K218	X	Mini-Rotary Viscometer TP1, cP	D4684	23700/-25°C
DDC/MTU Series 2000/4000 1 and 2 engine performance	X	Service Pro Part #	17090	
Allison C-4	X			
Global DHD-1	X			
JASO DH-2	X			
Renault RLD-3	X			



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