

# SERVICE PRO™

Premium Lubricants

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

**DESCRIPTION:** SERVICE PRO® Premium Heavy Duty Engine Oil 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. This is recommended for Caterpillar ECF-2, ECF-3, Cummins CES 20081, 20077, 20076, Mack EO-O Premium Plus 07, Mack EO-N Premium Plus 03, Mack EO-N Premium Plus, EO-M Plus, EO-M, Mercedes Benz 228.3, Man 3275, Volvo VDS-4, VDS-3, DDC Power Guard Oil Specification 93K218, DDC/MTU Series 2000/4000 category 1 and 2 engine performance, DHD-1, ACEA E5 and E3, JASO DH-2. Renault RLD. It can also be used in applications recommending Allison C-4.

- PERFORMANCE BENEFITS:**
- Excellent soot-viscosity control
  - Minimizes valve train wear
  - Outstanding oxidation stability
  - Excellent low temperature properties helps speed cold starts
  - Universal product for mixed fleet operations

### TYPICAL PROPERTIES:

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

SAE Grade	15W-40	Global DHD-1		
API CJ-4, CI-4 PLUS, CH-4, CG-4, CF-4, CF/SM, SL, SJ, SH	X	JASO DH-2		X
Caterpillar ECF-2, ECF-3	X	Renault RLD-3		X
Cummins CES 20081, 20077, 20076	X		<b>Product Data</b>	<b>Test Method</b>
Mack EO-O Premium Plus 07, Mack EO-N Premium Plus 03, EO-N Premium Plus, EO-M Plus, EO-M	X		@ 40° C, cST	D445 118.2
Mercedes Benz 228.3	X		@ 100°C, cST	D445 15.4
MAN 3275	X		Viscosity Index	D2270 130
DHD-1, ACEA E7 and E5	X		Pour Point °C (°F)	D97 -36 (-33)
Volvo VDS-4, VDS-3	X		Flash Point °C (°F)	D92 238 (460)
DDC Power Guard 93 K218	X		Neutralization No., TBN-E	D2896 10
DDC/MTU Series 2000/4000 1 and 2 engine performance	X		Sulfated Ash, wt.%	D874 1.0
Allison C-4	X		Cold Crank Simulator, cP	D5293 6620/-20°C
			Mini-Rotary Viscometer TP1, cP	D4684 23700/-25°C

Service Pro Part # 17090

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