

SERVICE PRO®

Premium Lubricants

SERVICE PRO® PREMIUM HEAVY DUTY 15W40 CI-4 PLUS ENGINE OIL

Manufactured with highly refined virgin base oils and licensed additive systems

DESCRIPTION: SERVICE PRO® Premium Heavy Duty Plus Engine Oil is an extra high performance multi-grade engine oil that provides excellent protection in diesel fuel and gasoline engines over a wide range of operating conditions and performance demands. Compounded with detergents, dispersants, wear control elements, anti-oxidants, corrosion inhibitors and foam suppressant additive. Extremely resistant to development of high temperature deposits and low temperature sludge clogging, inhibit ring deposit formation, reduces engine wear associated with increased soot levels and improved oil consumption control. Suitable for use in almost all foreign and domestic engines, gasoline or diesel, naturally aspirated or turbocharged. Always consult your owner's manual for proper application.

SERVICE PRO® Premium Heavy Duty Plus Engine Oil is recommended for use in naturally aspired, turbocharged, or super charged diesel, gasoline and propane engines, including those featuring EGR technology. Meets API Service Classification CI-4 PLUS, CI-4, CH-4, CG-4, CF-4, CF/SL, SJ, SH. Caterpillar ECF-2, Cummins CES 20078, 20077, 20076, Mack EO-N Premium Plus 03, EO-M Plus, EO-M, Mercedes Benz 228.3, 228.1, Man 271, 3275, Volvo VDS-3, VDS-2, VDS, Engine Manufacturers Association (EMA) LRG-1, DDC Power Guard Oil Specification 93K210, Detroit Diesel 72 SE 270 (4-Stroke engines), DDC/MTU Series 2000/4000 Category DHD-1, DH-1, ACEA E5 and E3. Also, can be used in applications recommending Allison C-4 and Caterpillar TO-2 specifications.

PERFORMANCE BENEFITS:

- Improved soot handling and extended drain intervals
- Minimizes valve train wear
- Outstanding oxidation stability
- Excellent low temperature properties helps speed cold starts

| SAE Grade | 15W-40 | | | |
|---|--------|---|--------------------|----------------|
| | | Engine Manufacturers Assoc. (EMA) LRG-1 | | X |
| | | Allison C-4, Caterpillar TO-2 | | X |
| | | Global DHD-1 | | X |
| API CI-4 PLUS, CH-4, CG-4, CF-4, CF/SL, SJ, SH | X | Product Data | Test Method | Typical |
| Caterpillar ECF-2 | X | @ 40° C, cST | D445 | 128.1 |
| Cummins CES 20078, 20077, 20076, 20072, 20071 | X | @ 100°C, cST | D445 | 15.8 |
| Mack EO-N Premium Plus 03, EO-N Premium Plus, EO-M | | Viscosity Index | D2270 | 130 |
| Plus, EO-M | X | Pour Point °C (°F) | D97 | -34 (-30) |
| Mercedes Benz 228.3, 228.1 | X | Flash Point °C (°F) | D92 | 213 (415) |
| MAN 271, 3275 | X | Neutralization No., TBN-E | D2896 | 10.0 |
| DHD-1, DH-1, ACEA E5 and E3 | X | Sulfated Ash, wt. % | D874 | 1.2 |
| Volvo VDS-3, VDS-2, VDS | X | Cold Crank Simulator, cP | D5293 | 6368/-20°C |
| DDC Power Guard 93 K214 | X | Mini-Rotary Viscometer TP1, cP | D4684 | 31134/-25°C |
| DDC/MTU Series 2000/4000 Category 1 | | | | |



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