



PRODUCT DATA SHEET

FLEET PRO™ ULTRA CJ-4/SN 15W-40 & 10W-30

ALL SEASON HIGH PERFORMANCE HEAVY DUTY MOTOR OILS

PRODUCT DESCRIPTION

FLEET PRO™ ULTRA series is formulated for today's high-performance low emissions exhaust gas recirculation (EGR) diesel engines, including engines with particulate traps. These oils provide year round wear and corrosion protection that enable engines to run smoother and stay cleaner longer, support extended drain intervals, reduce downtime increase operating profitability.

For diesel or mixed fleets, FLEET PRO™ ULTRA series delivers fast all-season starts and dependable, predictable engine operation. Optimum protection is provided for control of catalyst poisoning, particulate filter blocking, foaming, oxidative thickening and viscosity loss due to shear. When using CJ-4 oils with higher than 15 ppm sulfur fuel, consult the engine manufacturer for service interval.

INDUSTRY AND OEM SPECIFICATIONS

- ◆ API CJ-4, CI-4/ SN, CI-4 Plus
- ◆ MTU Category I and II
- ◆ MB p228.31
- ◆ Caterpillar ECF-3 and prior

Also meets or exceeds engine requirements for: Allison C4 (15W-40), ACEA E7-04, Cummins CES20081, Detroit Diesel 93K218 (MBE 4000, MBE 900 Engines), Mack EO-O Premium Plus, Volvo VDS-4, Renault VI RDL-3

APPLICATIONS

FLEET PRO ULTRA™ series is perfect for on-road and off, mining or machining, engines.

D00340316

5009 WEST 81ST STREET | INDIANAPOLIS | INDIANA | 46268 | 800-829-8899 | FAX 317-875-0889

The product described above is designed for a specific use and may not be valid for other uses not specified in our specification sheet or in applications not requiring this specific product. Pinnacle Oil believes that the information presented in this specification is accurate at the time written and is based upon internally generated information and information as presented by its vendors. No representation, warranty, or guarantee is made as to its accuracy or completeness. We do not accept any liability for any loss or damage that may occur from the use of this information.



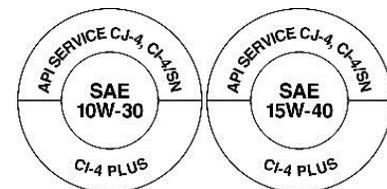
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FEATURES

- ✓ Superior additive technology gives an advanced varnish and sludge protection to keep engine clean by minimizing deposit formation and significantly better soot handling capability than API CI-4 oils
- ✓ Among the highest TBN for CJ-4 on the market
- ✓ Extended drain intervals
- ✓ Delivers exceptional low temperature pumpability for protection during cold starts
- ✓ Formulated for all-season use by diesel or mixed fleet engines including low sulfur and ultra-low sulfur diesel
- ✓ Excellent soot control, oxidation stability, and TBN and viscosity retention

TECHNICAL DATA

(typical values)



| SAE GRADE | ASTM | 10W-30 | 15W-40 |
|------------------------|-------|------------------|------------------|
| Product Number | | 07-195103 | 07-101740 |
| SDS Number | | S034.1 | S034.1 |
| Synthetic Blend | | YES | NO |
| Viscosity @ 100°C, cSt | D445 | 12.07 | 15.43 |
| Viscosity @ 40°C, cSt | D445 | 79.70 | 113.30 |
| Viscosity Index | D2770 | 147 | 143 |
| API Gravity at 60°F | D1250 | 32.8 | 30.4 |
| Pour Point, °C | D5950 | -54 | -39 |
| Color ASTM | D1500 | L3.5 | L4.0 |
| CCS, cP | D5293 | 5,200 (-25°C) | 5,100 (-20°C) |
| Flash Point COC, °C | D92 | 205 | 220 |
| TBN | D2896 | 10.0 | 10.1 |
| Sulfated Ash, %m | D874 | 0.96 | 0.97 |
| HTHS @ 150°C, mPa s | D4683 | 3.5 | 4.2 |

*Always follow your operator's manual for recommended viscosity grade and API service classification
The recommended shelf life for these oils is typically 48 months from manufacturing date when stored properly in the original sealed containers.*

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