



## PRODUCT & TECHNICAL DATA

# PRO ULTRA DUTY PLUS 15W40 CI-4

**MULTIGRADE DIESEL AND PETROL ENGINE OIL FOR EGR TECHNOLOGY**

### DESCRIPTION

Pro Ultra Duty Plus 15W40 CI-4/SL is an advanced premium, High Performance Diesel (HPDO) engine oil, designed to perform and meet the demanding requirements of new generation low emission diesel engines. Blended from high quality fully approved virgin base stocks and supported with the newest technology multifunctional additive pack, providing excellent anti-wear protection, resistance to bore polishing and provides superior engine cleanliness. Pro Ultra Duty Plus may be used with confidence in mixed American and European fleets both on and off road, and carries the latest API CI-4 and ACEA E7-04 specifications.

### APPLICATIONS

Pro Ultra Duty Plus 15W40 is recommended for heavy duty automotive diesel engines operating in severe service such as high output direct injection, turbocharged engines. It is also suitable in mixed fleet applications of both diesel and gasoline engines. It is also suitable for engines of both European and American origin. It is particularly recommended for use in EGR (Exhaust Gas Recirculation) and other advanced technology engines developed to reduce emissions. This product can also be used in Petrol Engines.

### PERFORMANCE LEVELS

- API CI-4/SL
- ACEA E7-04 (E5)/A3/B3/B4
- MB 228.3 / 229.1
- MAN 3275 Allison C4 level. Global DHD-1
- Jaso DH-1
- Cummins CES 20076/77/78
- Mack EO-M Plus
- Volvo VDS-3. MTU / DDC Type 2. Renault Truck RLD-2
- CAT ECF-1
- Deutz DQC-III-05

### FEATURES AND ADVANTAGES

- Superior oxidation stability from the use of high quality group II base stocks.
- Excellent pumpability in low temperatures ease in easier engine start-up and reduces wear.
- Very good TBN retention (alkalinity) to neutralize combustion acids for longer periods.
- Ultimate soot control prevents build up and premature wear in the engine.
- Extended drain interval comes from a combination of the above features.

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### PHYSICAL CHARACTERISTICS

|                              |        |
|------------------------------|--------|
| SAE                          | 15W40  |
| Viscosity @ 40 °cSt          | 115.30 |
| Viscosity @ 100 ° cSt        | 14.02  |
| Viscosity Index              | 127    |
| Pour Point, °C               | -28    |
| Flash Point, °C              | >200   |
| Density @ 20 °C, kg/l        | 0.8664 |
| Total Base Number, mg, KOH/g | 9.50   |

### GENERAL ADVICE

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:  
[www.prooil.co.za](http://www.prooil.co.za)

These characteristics are typical of current production.  
Whilst future production will conform to Pro Oil SA's specification, variations in these characteristics may occur.

#### Health and Safety

Guidance on Health and Safety are available on the appropriate Material Safety Data Sheet, which can be obtained from your Pro Oil SA representative.

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