



PRODUCT & TECHNICAL DATA

PRO ULTRA DUTY 15W40 CH-4

MULTIGRADE DIESEL AND PETROL ENGINE OIL

DESCRIPTION

Pro Ultra Duty T/D 15W40 CH-4/SL is an advanced High Performance Diesel (HPDO) multigrade engine oil, designed to perform under the toughest conditions for diesel engines from naturally aspirated to turbo charged units. Blended from 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 T/D 15W40 has been specially formulated to reduce the effects of high sulphur fuels which could result in premature engine failure.

APPLICATIONS

Pro Ultra Duty T/D 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, off-highway vehicles and plant. Generation sets and small diesel engines in marine service. It is suitable for engines of both European and American origin. This product can also be used in Petrol Engines.

PERFORMANCE LEVELS

- API CH-4/CG-4/CF-4/CF/CF-2/SJ
- ACEA E3-96 Issue 4/ E2-96 Issue 5
- ACEA A3/B3-04, A3/B4-04
- MB 228.2/3, MB 229.1
- Mack EO-M/EO-M Plus
- Caterpillar ECF-1
- Renault Trucks RD/RD-2
- MTU/DDC Type 2
- Allison C-4
- Cummins CES 20071/72
- Volvo VDS-2
- MAN M 3275
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FEATURES AND ADVANTAGES

- Maximum protection against bore polishing.
- Excellent levels of engine cleanliness and wear protection in both turbo and non-turbo engines under arduous conditions.
- Optimum engine reliability and operational economy.
- Improved alkalinity (TBN) retention & detergency.

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PHYSICAL CHARACTERISTICS

SAE	15W40
Viscosity @ 40 °cSt	109
Viscosity @ 100 ° cSt	14.5
Viscosity Index	140
Pour Point, °C	-28
Flash Point, °C	>200
Density @ 20 °C, kg/l	0.8664
Total Base Number, mg, KOH/g	9.50
Sulphated Ash, %wt	1.5

GENERAL ADVICE

Further information on all Pro Oil SA lubricants is available from any Pro Oil SA office or from:
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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