



PRODUCT & TECHNICAL DATA

PRO SYNTEC 15W40 CI-4 PLUS

ADVANCED SYNTHETIC TECHNOLOGY XHPD ENGINE OIL

DESCRIPTION

Pro Syntec 15W40 CI-4+ is an advanced semi synthetic Extreme Heavy Performance Diesel (XHPD) multigrade engine oil. It is formulated to provide maximum protection in both modern, high-output engines including those with EGR (Exhaust Gas Recirculating) technology, as well as older engines that operate with high or low sulphur fuels. Its superior detergent-dispersant additive system, blended with high viscosity Group II & Group III synthetic base fluids, provides ultimate protection to high output turbo-charged engines.

APPLICATIONS

Pro Syntec 15W40 CI-4+ is recommended and used in a wide range of heavy or extra heavy duty applications. Sectors where Pro Syntec 15W40 CI-4+ is mostly used in that of marine, mining, industrial, agricultural, and trucking industries and suitable for naturally aspirated and turbocharged diesel engines, off-highway equipment and gensets running on diesel fuel. It can also be used in petrol engines with an API specification SL.

PERFORMANCE LEVELS

- API CI-4+ / CI-4 / SJ / SL
- ACEA E7-08 Issue 2; ACEA A3/B3-10; ACEA A3/B4-2016
- MB 228.3 & MB 229.1
- MAN M3275
- Allison C4 Level
- Global DHD-1
- Volvo VDS-3
- JCB
- MTU Type 2
- MACK EO-M Plus
- Cummins CES 20076/77/78
- Renault Truck RLD-2
- CAT ECF 1-a & ECF-2 (New Generation)
- JASO DH-1
- Deutz DQC-III

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 Synthetic
Viscosity @ 40 °cSt	116
Viscosity @ 100 ° cSt	15.1
Viscosity Index	135
Pour Point, °C	-33
Flash Point, °C	224
Sulphated Ash (% Maximum)	1.5
Density @ 20 °C, kg/l	0.8761
Total Base Number, mg, KOH/g	10.50
CCS Viscosity: cP @ -20°C, ASTM D5293	5220
MRV: cp @ -25°C, ASTM D3829	14270 NYS
Borderline Pumping Viscosity cP @ -25°C, ASTM D4684	20180

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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