

Technical Data Sheet



ULTRA GUARD SHPD 15W40

Super High-Performance Multigrade Lubricant

PRODUCT INFORMATION

ULTRA GUARD SHPD SAE 15W-40. Is a Super High Performance Diesel Engine Oil, SHPDEO, blended with enhanced additives to enable it out perform all standard oils. It is the recommended lubricant for modern heavy duty diesel engines operating in arduous conditions. Suitable for use in all Turbo-Charged and Super-Charged engines. It protects better, last longer and promotes fuel economy.

It is a mainline, high quality, oil meeting major global vehicle manufacturers requirements for use in their latest Euro III to Euro V engines with after-treatment systems (excl. DPF). ULTRA GUARD SHPD 15W-40 is the reliable solution for many vehicle fleets requiring an oil of ACEA E4-7 and API CH-4/ CI-4 performance level, providing for advanced antiwear protection and safeguarding the turbocharger's optimal operation

PERFORMANCE LEVEL

SAE 15W-40; ACEA E7, E5, E4; API CI-4 , CH-4, CG-4, SL

Meets:

MB- 228.3; MAN M3275-1; MTU Cat. 2; Volvo VDS-3; Renault Trucks RLD-2; Mack EO-M Plus, EO-N; Cummins CES 20077, CES 20078; Allison C4; Caterpillar ECF-2, ECF-1a; ZF TE-ML 07C; Deutz DQC III-10; Detroit Diesel DDC 93K215; IVECO 18-1804 T2 E3

Technical Properties

| Test | Method | Typical Values |
|------------------------------------|-------------|------------------|
| Appearance | Visual | Clear and Bright |
| Colour | ASTM D 1500 | |
| Density @ 15 °C, g/cm ³ | ASTM D 4052 | 0.8802 |
| Kinematic Viscosity (cSt) 40°C | ASTM D 445 | 108 |
| Kinematic Viscosity (cSt) 100°C | ASTM D 445 | 14.5 |
| Viscosity Index | ASTM D 2270 | 135 |
| Pour Point, °C | ASTM D 97 | -30 |
| TBN, mgKOH/g | ASTM D 2896 | 9.8 |

Health & Safety Please refer to the relevant health & safety data sheet, a copy of which is freely available to all our customers

The specifications above are typical but, may be changed without notice, always consult owner's manual before use. Values are indicative of standard test values and may change in line with industry norms. No warrantee is expressed or implied.

