



PRODUCT DESCRIPTION

LENOL SHPD Ultra 15W-40 is a mineral-based multigrade engine oil designed for the latest generation heavy duty four-stroke turbocharged engines for prolonged time between overhauls.

APPLICATIONS

LENOL SHPD Ultra 15W-40 provides advanced protection of engines against wear, deposit formation and bore polishing under various load conditions. LENOL SHPD Ultra 15W-40 ensures optimum lubrication and easy starting at low temperatures, as well as best performance at high temperatures. It offers excellent performance on different fuels and has been tested with ultra-low sulphur fuels without increased oil consumption.

ADVANTAGES

- Maximum engine protection against wear, corrosion, and high-temperature deposits
- Extended drain intervals, helping to reduce maintenance and repair costs
- Improves engine performance, saves fuel and reduces noise
- Compatible with commonly used seals and materials
- Miscible with conventional mineral-oil-based and other multigrade engine oils

PERFORMANCE STANDARDS AND SPECIFICATIONS*

- API CI-4/SL
- ACE E7
- Cat ECF-2
- Cummins CES 20078 / 20077 / 20076
- MAN M 3275-1
- MTU Category 2
- Volvo VDS-3
- Mack EO-N
- RVI RLD-2
- DTFR 15B110(Mercedes Benz 228.3)
- Daihatsu
- Mitsubishi

TECHNICAL DATA

Properties	Test Method	Unit	LENOL SHPD Ultra 15W-40
Density at 15°C	ASTM D4052	kg/m ³	872
Kinematic viscosity @ 40°C	ASTM D445	cSt	114.9
Kinematic viscosity @ 100°C	ASTM D445	cSt	15.3
Viscosity index	ASTM D2270	-	139
HTHS	CEC L-036-90	mPa*s	≥3.5
Pour point, max.	ASTM D97	°C	-33
Sulphated Ash	ASTM D874	% m/m	1.2

HANDLING AND PACKAGING

Compatibility and miscibility with comparable products from other suppliers have been successfully tested by an independent institute, but to benefit from full product performance, the mixing of lubricants should be avoided.

HEALTH AND SAFETY

The information on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. The product is not classified as dangerous according to the Regulation 1272/2008 or the Directives D67/548/EEC and 1999/45/EC. When used as intended, this product does not pose significant health risks.

* Meets the requirements of the following industry standards and OEM specifications. Official OEM approvals, where applicable, are stated separately.

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This data sheet and the information given are considered to be accurate to the best of our knowledge. The physical and chemical characteristics are typical values and compliant to specification. Variations in these characteristics may occur. No warranty expressed or implied is given as to the accuracy or completeness of the information or suitability of the products. LENOL shall not be responsible for any damage or injury resulting from abnormal use of the product. The user will be always responsible to evaluate and use products safely and to comply with all applicable laws and regulations.