

Delo® SHP



Description

Delo® SHP lubricants are high-performance diesel engine oils for medium- and high-speed trunk piston diesel engines with or without oil purifiers. Delo SHP lubricants are blended with highly refined base oils and carefully selected additives. Delo SHP lubricants have very good viscosity control when used in severe high-temperature service, and their BN retention characteristics help to prevent corrosive wear over long periods of operation. The unique detergent and dispersant additive system promotes piston cleanliness, liner lacquer control and first-rate soot handling. This results in extreme reduction of both “hot” (piston lands and grooves, piston undercrown, purifier preheaters) and “cold” (crankcase, cambox, rocker area, fuel pumps, purifier bowl) deposits. Delo SHP lubricants help to provide a high degree of water tolerance and have good water separation.

Typical Characteristics

NLGI Grade	30	40
MPID	219203	219206
Base number, mg KOH/g (ASTM D2896)	12	12
Density at 15°C, kg/l (ASTM D4052)	0.89	0.89
Flash point, COC, °C (ASTM D92)	180 min	180 min
Pour point, °C (ASTM D97)	-15	-18
Kinematic Viscosity at 40°C, mm ² /s (ASTM D445)	104.0	135.0
Kinematic Viscosity at 100°C, mm ² /s (ASTM D445)	11.8	14.0
Viscosity Index	100	100
FZG test (A/8.3/90), failure load stage (CEC-L-07-95)	12	12

Recommended Applications

Delo SHP lubricants are recommended for medium- and high-speed trunk piston diesel engines burning distillate and low sulfur fuels. Delo SHP can be used in diesel engines with or without oil purifiers and is particularly suited for engines sensitive to liner lacquering. The good load carrying capacity of Delo SHP lubricants also makes these suitable for use in engine reduction gears and other applications where EP properties are required. Delo SHP should be used in accordance with OEM guidelines and recommendations.

Delo SHP Lubricants are approved for:

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|--|---|
| <input checked="" type="checkbox"/> Everlence (formerly MAN ES) | <input checked="" type="checkbox"/> Daihatsu |
| <input checked="" type="checkbox"/> Wärtsilä Marine – Deutz SBVM628 | <input checked="" type="checkbox"/> Hyundai Himsen |
| <input checked="" type="checkbox"/> MaK (Caterpillar) | <input checked="" type="checkbox"/> Yanmar |
| <input checked="" type="checkbox"/> Rolls Royce Bergen | |

Delo SHP Lubricants are suitable for use in:

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|---|
| <input checked="" type="checkbox"/> MTU Type 2 |
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Performance Benefits**1. Engine Protection**

Controls cylinder liner wear effectively and helps to protect bearings from corrosion. High performance, anti-wear additives help to provide protection against wear for cams, camshaft and bearings. Delo® SHP lubricants also provide a high degree of water tolerance and anti-foam protection. It can also help protect against liner lacquer formulation.

2. Engine Cleanliness

Helps to ensure clean crankcases, piston interiors and lubricating oil lines.

3. Easy Purification

Effective water and contaminants handling.

4. Smooth Operation

Helps to provide minimum maintenance and downtime, long engine life and economical operating costs in applications with or without oil purifiers.

Environment, Health and Safety

Information is available on this product in the Safety Data Sheet (SDS) and Customer Safety Guide. Customers are encouraged to review this information, follow precautions and comply with laws and regulations concerning product use and disposal. To obtain an SDS for this product visit chevronmarineproducts.com.



Disclaimer. Data provided in this PDS is based on standard tests under laboratory conditions and is indicative only. Minor variations which do not affect product performance are expected in normal manufacturing. This product should not be used for any purpose other than those expressly set out in this PDS. The user has sole responsibility for verifying that this product is suitable for the user's intended application. Recommendations differ between engine manufacturers so always consult your manual. Neither Chevron nor its subsidiaries make any warranty or representation as to the accuracy or completeness of this PDS and neither Chevron nor its subsidiaries accept liability for any loss or damage suffered as a result of the use of this product other than in accordance with the terms of this PDS.