



# Delo<sup>®</sup> SHP

## High performance diesel crankcase lubricant

### Product description

Delo SHP is a high performance heavy-duty diesel crankcase lubricant designed for heavy-duty turbocharged high and medium speed diesel engines operating under severe conditions.

Delo SHP is formulated with high quality base oils combined with robust detergency, dispersancy, anti-oxidation and anti-wear additive systems.

### Customer benefits

- Balanced additive design helps control harmful deposits across a wide temperature range, helping protect against valve and ring sticking
- Robust anti-wear additive formulation offers reliable scuffing and wear protection to highly loaded components in severe conditions
- Formulated for optimum oxidation resistance helping increase oil service life, in long-term and arduous operations
- Designed to offer dependable protection to component surfaces under severe, high load operating conditions
- Helps extend reliable oil filter life, offering improved wear protection, engine reliability and uptime

### Product highlights

- **Low and high temperature protection, ring sticking resistance**
- **Offers reliable scuffing and wear protection**
- **Formulated for oxidation resistance**
- **Designed for protection in severe conditions**
- **Helps extend reliable oil filter life**

#### Selected specification standards include:

MAN Diesel & Turbo	Rolls Royce
Wärtsilä Marine	MaK (Caterpillar)

## Applications

- Delo SHP is recommended for a wide range of heavy-duty, medium speed and high-speed diesel engines operating under varied conditions.
- Delo SHP can be used in applications where liner lacquer build-up is an issue. The product is not suitable for two cycle engines.

## Approvals, performance and recommendations

Delo SHP appears on following recommendation lists:

- MAN Diesel & Turbo
- Rolls Royce
- Wärtsilä Marine - Deutz SBVM628
- MaK (Caterpillar) engines

Typical test data			
Test	Test Methods	Results	
Viscosity Grade		30	40
<b>Shelf Life: 60 months from date of filling indicated on the product label</b>			
Density at 15°C, Kg/l	ASTM D4052	0.89	0.89
Kinematic viscosity at 100°C, mm <sup>2</sup> /s	ASTM D445	11.8	14
Pour point, °C	ASTM D97	-12	-15
Flash point COC, °C	ASTM D92	240	240
Total Base Number, mg KOH/g	ASTM D2896	12.1	12
Sulphated Ash, %wt	ASTM D874	—	1.8

The information given in the typical data does not constitute a specification but is an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved. This supersedes all previous editions and information contained in them.

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