Chevron

Global Marine Products

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Our Family of Brands

HIGH-SPEED ENGINE OILS

Delo® SHP

Description

Delo SHP is a heavy-duty diesel crankcase lubricant that meets the performance requirements for Super High Performance Diesel engine oil (SHPD). Manufactured from high-quality base oils and compounded with additives, Delo SHP provides outstanding lubrication of heavy-duty (turbo-charged), high-speed diesel engines under the most severe operating conditions. It contains detergent/dispersant, antioxidation and antiwear additives. Delo SHP meets the API service classification CF, CD/SF.

Typical Characteristics

SAE Viscosity Grade	30	40
Code	040706	040707
Base number, mgkOH/g	12.0	12.0
Density at 15°C, kg/l	0.89	0.89
Flash point, COC, °C	240	240
Pour point, °C	–18	–15
Sulphated ash, mass %	1.8	1.8
Viscosity, kinematic, mm²/s (cSt)		
at 40°C	94	135
at 100°C	11.0	14.0
Viscosity index	102	100

Recommended Uses

Delo SHP is particularly recommended for a wide range of heavy-duty, high-speed diesel engines operating under severe conditions. It is approved against Mercedes Benz page 228.2 and as a MTU Type 2 lubricant. It meets the requirements of Deutz-MWM D5, Perkins (Shrewbury), Mack EO-K/2 and passes the Komatsu Hot Tube Test at 310°C. Delo SHP meets API CF, CD/SF, ACEA E2-96, and the former CCMC D5, PD1. The product is not suitable for any two-cycle engines.

Performance Benefits

1. Deposit Control

Eliminates ring and valve sticking. The balanced additive combination controls deposits in severe low-temperature, intermittent operation and high-temperature, high load operation. Deposit control protects against ring sticking and results in efficient lubrication.

2. Antiwear Properties

An effective antiwear additive protects highly loaded parts from scuffing and wear during boundary lubrication conditions.

3. Oxidation Stability

Exceptionally resistant to oxidation.

4. Corrosion Protection

Protects all metal surfaces under the most severe conditions.

5. Long Filter Life

High dispersancy extends the life of oil filters, enabling them to function longer. Oil filters remove non-dispersed abrasive material, effectively preventing excessive engine wear.

This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended. (January, 2008)
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