Lubricants info.



Idemitsu Kosan Co.,Ltd.

Lubricant Product Information



Daphne Bearing Grease EP Series

High Performance Extreme Pressure Grease

Description

Daphne Bearing Grease EP Series is a range of multi-functional, high quality lithium soap base grease specially formulated with highly refined mineral oil with various additives such as anti-rust agent and extreme pressure (E.P.) agent to provide outstanding lubricating performance.

Application

Recommended for a wide range of industrial uses such as plain and anti-friction bearings in steel mills, paper mills, press machine and generator, pumps, conveyors, compressors, machine tools, gears and various types of couplings, which require extreme pressure and water separation properties.

Note: Usage temperature range: -20°C to 130°C

Characteristics

- 1. Excellent in high load-carrying abilities
- 2. Excellent oxidation stability
- 3. Superior lubricity
- 4. Excellent in thermal resistance
- 5. Excellent in low temperature characteristics
- 6. Superior water resistant abilities
- 7. Superior rust preventive abilities

Packing

16Kg pail, 180Kg drum

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Typical Specifications Daphne Bearing Grease EP Series TYPE OF <u>No. 0</u> <u>No.3</u> <u>No. 1</u> No.2 **TEST METHOD** Yellowish Brown Yellowish Brown Yellowish Brown Appearance Visual Smooth Smooth Smooth Smooth Worked Penetration (1/10mm) ASTM D217 360 329 270 227 Dropping Point, °C 195 201 210 210 ASTM D566 **Copper Corrosion** 1A 1A 1A 1A **ASTM D4048** 25°C x 24Hrs Oil Seperation (100°C x 24 Hr) JIS K2220.5.8 8.0 3.6 3.0 **Oxidation Stability** ASTM D942 0.25 0.25 0.25 0.25 99°C x 100Hrs, kgf/cm²

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