

SEA-MATE™ EP 3

Calcium sulfonate complex multipurpose grease



DESCRIPTION

SEA-MATE EP 3 is a technologically advanced multi-purpose grease, thickened to NLGI 3 in order to deliver reliable operation in applications which demand low leakage or good high temperature properties, such as propeller caps and rolling element bearings where NLGI 3 is specified by the OEM.

SEA-MATE EP 3 is formulated using an advanced calcium sulfonate complex thickener and a high quality mineral oil base. This thickener type has several inherent benefits, including providing some of the best water resistance and corrosion protection available on the market. The grease has been designed to a high level of performance to ensure adequate protection in all non-specialized applications and therefore provide peace of mind to the vessel operator.

KEY FEATURES AND BENEFITS

Thermal and Mechanical Stability

- Superior mechanical stability in the presence of heat and water allows the grease to stay in place and maintain its lubricating properties, giving it a longer lifetime
- High dropping point (>300°C)

Corrosion Resistance

- Calcium sulfonate thickener type is well known to provide exceptional corrosion resistance
- Easily outperforms competitors' products

Load Carrying and Wear Protection

- Calcium sulfonate thickener type is well known to provide exceptional corrosion resistance

Water Resistance

- Formulated to provide excellent resistance to water in order to provide maximum protection from the environment

PRODUCT COLOR BLUE

The SEA-MATE range of greases has been specially designed by leaders in the shipping industry to offer simplicity on board and peace of mind for the vessel operator. They have been formulated with marine applications in mind and use advanced calcium sulfonate thickeners to give a high performance level, ensuring safe operation in marine environments.

Each grease in the SEA-MATE range is color coded according to its application to minimize the risk of wrong greasing, and to simplify inventory management on board. Each color coded grease can be matched to color coded grease fitting caps and color coded grease guns.

To make certain the right grease is used and to color code your equipment, use SEA-MATE EP 3 with red grease cap fittings or red labels.

TYPICAL PROPERTIES*

PROPERTIES	TEST METHOD	SEA-MATE EP 3
NLGI Grade	ASTM D 217	3
Color	Visual	Blue
Texture	Visual	Smooth
Base Oil Viscosity, cSt @ 40°C	ASTM D 445	220
Dropping Point, °C	ASTM D 2265	>316
Consistency, 60 strokes mm/10	ASTM D 217	260
Mechanical Stability, • Worked 100,000 strokes, % change • Worked 10,000 strokes, with 50/50 water, %	ASTM D 217	2.1 7.0
Timken OK Load, kg	ASTM D 2509	27.2
4-Ball EP	ASTM D 2596; LWI, kgf	62
4-Ball EP	ASTM D 2596; Weld Point, kg	500
4-Ball Wear, mm	ASTM D 2266	0.40
Salt Fog Corrosion, 1 mil d.f.t., hours	ASTM B 117	>1000
Water Washout at 80°C, % removed	ASTM D 1264	1.0
Resistance to water spray, % retained	ASTM D 4049	75
Mobility @ -18°C, g/minute	US Steel Method	4.0

*For more information on product performance data contact your Drew Marine Representative.

HANDLING INFORMATION

SEA-MATE EP 3 grease may be handled using conventional grease handling and dispensing methods.



Contact your Drew Marine representative for more information

SHIPPING INFORMATION

Petroleum Lubricating Grease
Not classified as hazardous for transport.

PACKAGING

SEA-MATE EP 3 grease is available in an 18-kg container
(PCN 0039546).



Contact your Drew Marine representative for more information

Drew Marine maintains Safety Data Sheets on all of its products. These documents contain health and safety information for the development of appropriate product handling procedures to protect your employees. Safety Data Sheets should be read and understood by all of your supervisory personnel and employees before using Drew Marine products.



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