

PRODUCT INFORMATION

NAVIGREASE LX 2/3

Description

NAVIGREASE LX 2/3 is a lithium complex thickened multipurpose grease.

Application

NAVIGREASE LX 2/3 is a high quality multipurpose grease for marine applications. The grease is suitable for a wide range of plain and roller bearings under severe operating conditions, including electric motors with rotation speeds between 500 and 6000 rpm.

Features/Advantages and Benefits

- Excellent adhesion properties
- Good load carrying capacity
- Effective corrosion protection
- Suitable for various applications within the specified temperature limits
- Exceeds DIN 51 502 specification KP 2/3 P-30

Typical Characteristics

Properties	Test Method	Data	Unit
Thickener	-	Lithium complex	-
Colour	-	Brown	-
NLGI Grade	ASTM D217	2/3	-
Penetration worked at 25°C (Pw 60)	DIN ISO 2137	240 – 270	1/10 mm
Dropping point	IP 396	260	°C
Water washout	ASTM D1264	3	wt%
Base oil viscosity at 40°C	ISO 12058	140	mm ² /s
Temperature range	-	-30 – 160	°C
Four-ball welding load	DIN 51 350-T4	3000	N
Copper corrosion 24h/100°C	ASTM D4048	1a	-

MARINE IN ALL WE DO!

Health and Safety

The Safety Data Sheet is available on request and describes the product in terms of safety in use, handling and transport. The product is not classified as dangerous according to the Regulation 1272/2008 or the Directives 67/548/EEC and 1999/45/EC. When used as intended, this product does not pose significant health risks. Repeated exposure may cause skin dryness or cracking. In case of skin contact, immediately wash the affected area with plenty of soap and water. Remove contaminated clothes.

Handling and Packaging

The compatibility and miscibility with comparable products from other suppliers with the same thickener and similar base oils have been tested successfully. Generally, greases made of e.g. calcium sulphonate complex thickener and mineral oil can be mixed with grease based on the same type of thickener and mineral oil. In addition, greases with different thickeners e.g. calcium sulphonate complex and lithium complex greases are miscible with each other. However, these are only general guidelines and in order to benefit from full product performance the mixing of lubricants should be avoided or limited to a minimum. Hence, we recommend replacing old grease fillings where easily possible.

Re-lubrication shall be done when the condition of the lubricant is still suitable for continued service. The required quantity varies with bearing type, speed, temperature range and other related factors. For details please refer to the manufacturer's manual.

The grease collar outside of bearings prevents dirt and water ingress. When refilling the product ingress of dust and water must be avoided. It is possible to renew the entire grease fill if the system is equipped with grease nipples and exit holes.

All packages should be stored unopened in their original package in upright position and in a dry place. Avoid water contamination.

The product is available in pails. The pack size can vary in different regions or countries.

Further Information

For further information about LUKOIL Marine Lubricants please contact any representative of LUKOIL Marine Lubricants or visit our website www.lukoilmarine.com.

LUKOIL Marine Lubricants DMCC
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