



## PRODUCT DESCRIPTION

LENOL Grease LX 2/3 is lithium complex thickened multipurpose grease.

## APPLICATIONS

LENOL Grease 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.

## ADVANTAGES

- 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

## TECHNICAL DATA

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 <sup>2</sup> /s
Temperature operating range	-	-30-+160	°C
Four-ball welding load	DIN 51350-T4	3000	N
Copper corrosion 24h/100°C	ASTM D4048	1a	-

## HANDLING AND PACKAGING

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 calcium sulphonate complex thickener and mineral oils can be mixed with grease based on the same type of thickener and mineral oil. In addition, they are miscible with some differently based products, e.g. lithium complex greases. However, these are only general guidelines. In order to benefit from full product performance the mixing of lubricants should be avoided. Hence, we recommend replacing old grease fillings where possible.

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

## HEALTH AND SAFETY

The information on this product is available in the Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. The product is not classified as dangerous according to the Regulation 1272/2008 or the Directives D67/548/EEC and 1999/45/EC. When used as intended, this product does not pose significant health risks.

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This data sheet and the information given are considered to be accurate to the best of our knowledge. The physical and chemical characteristics are typical values and compliant to specification. Variations in these characteristics may occur. No warranty expressed or implied, is given as to the accuracy or completeness of the information or suitability of the products. LENOL shall not be responsible for any damage or injury resulting from abnormal use of the product. The user will be always responsible to evaluate and use products safely and to comply with all applicable laws and regulations.