



PRODUCT DATA SHEET

GulfSea HYPERBAR LC3

Marine High Temperature, High Speed Lithium Complex Grease specially formulated for electric motor bearings

Product Description

GulfSea HYPERBAR LC3 grease is premium multipurpose lithium complex soap based grease for use in a wide range of marine, industrial and automotive applications. It is manufactured from high quality solvent refined base oils and performance additives to provide good structural stability, resistance to water washout and effective protection from wear and corrosion. It is specially designed to cope with high speed and high temperatures and provides an efficient protection under severe working conditions.

Features & Benefits

- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water.
- Excellent corrosion protection and resistance to water washout resulting in improved component protection and equipment life.
- Outstanding anti-oxidation properties extend bearing life in high temperature applications.
- High drop point ensures extended operating range of up to 160°C.

Applications

- Electric motor bearings
- Plain and roller bearings operating at high speed and high temperature
- Plain and roller bearings operating in a humid environment



Marine

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Typical Properties

Meets the following Specifications		
ISO 6743/9 L-XCEEB3, DIN 51825 KP3P-30		
Typical Properties		
Test Parameters	Test Method	Typical Values
Colour	Visual	Blue
Texture	Visual	Smooth
NLGI		3
Type of base oil		Mineral
Estimated operating temperature range		-30°C to 160°C
Base oil viscosity at 40°C; cSt	D 445	110
Consistency, worked penetration 60 strokes, 0.1mm	D 217	229
Worked penetration after 100,000 strokes; change in consistency	D 217	10
Dropping point; °C	D 2265	287
Oil separation at 25°C for 24 hrs; %wt.	D 1742	1.7
Leakage tendency at 105 °C & 6 hrs, gm	D 1263	1.4
Water washout at 79°C; %wt. loss	D 1264	2.2
Four ball weld load; kgf	D 2596	200
SKF - EMCOR steel corrosion; rating	D 6138	0-0
Copper strip corrosion at 100°C for 24 hrs; rating	D 4048	1a
Rust protection	D 1743	Pass

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