

PRODUCT DATA

GulfSea HYPERBAR LCM 2

Lithium Calcium EP Grease with MoS₂ for Heavy Duty Applications

Product Description

GulfSea HYPERBAR LCM 2 grease is heavy duty high performance lithium/calcium soap based grease with MoS₂ 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 deliver outstanding performance in arduous automotive, marine and mining applications.

Features & Benefits

- Outstanding extreme pressure and anti-wear properties extend bearing life under heavy and shock-load conditions
- Excellent mechanical stability and resistance to softening ensures long lubricant life and prevents leak out of bearings even in the presence of water
- Very good corrosion protection and resistance to water washout resulting in improved component protection and equipment life
- Good adhesive property ensures that the grease stays in place for longer re-lubrication intervals.
- High drop point ensures extended operating range of up to 130°C

Applications

- Heavy duty equipments used in marine, off-shore, cement, mining / quarrying, agriculture & forestry / logging and other industrial applications under severe conditions.
- Off-highway applications and other arduous automotive applications like "fifth wheel lubrication"
- General lubrication of machinery, antifriction bearings, sleeve & guide bearings, oscillating bearings.

PRODUCT DATA



Typical Properties

Meets the following Specifications		
ASTM D4950 GC-LB, ISO 6743-9 L-XBCEB2, DIN 51502 MPF2K-25		
Typical Properties		
Test Parameters	Test Method	Typical Values
Colour	Visual	Grey
Texture	Visual	Smooth
Thickener type		Lithium / Calcium
NLGI grade		2
Type of base oil		Mineral
Estimated operating temperature range		-25°C to 130°C
Base oil viscosity at 40°C; cSt	D 445	200
Consistency, worked penetration 60 strokes	D 217	280
Worked penetration after 100,000 strokes; change in consistency	D 217	18
Dropping point; °C	D 2265	190
Oil separation at 25°C for 24 hrs; %wt.	D 1742	0.3
Oxidation resistance, pressure drop; psi	D 942	3
Water washout at 79°C; %wt. Loss	D 1264	3
Four ball weld load; kgs.	D 2596	250
Timken load; lbs	D 2509	45
Copper strip corrosion at 100°C for 24 hrs; rating	D 4048	1a
Rust protection	D 1743	Pass

October 2008



Due to continual product research and development, the information contained herein is subject to change without notification.
Typical Properties may vary slightly.

Gulf Oil Marine Ltd

25th Floor, 3 Lockhart Road, Wan Chai, Hong Kong

Tel : (852) 3693 0568 Fax : (852) 3748 9960

Web : www.gulf-marine.com Mail : operation.hk@gulf-marine.com