



PRODUCT DATA SHEET

GulfSea BD EP2 Grease

Product Description

GulfSea BD EP2 Grease is a marine biodegradable grease for use in sensitive marine environments which demand a NLGI 2 grease. It is a Lithium / Calcium thickened lubricating grease formulated from fully saturated renewable esters and high-performance additives to provide structural stability, resistance to water washout and effective protection from wear and corrosion.



EU Ecolabel : NL/027/018

GulfSea BD EP2 Grease has been awarded the European Ecolabel for lubricants and therefore meets the VGP definition of an Environmental Acceptable Lubricant (EAL).

The EU Ecolabel is a label of environmental excellence that is awarded to products and services meeting high standards throughout their life cycle: from raw materials extraction, to production, distribution, and disposal.

Features & Benefits

- **GulfSea BD EP2 Grease** is biodegradable according to OECD test 301B, is considered minimally toxic according to OECD tests 201/202/203 and as such meets the US EPA VGP 2013 / VIDA definition of an Environmentally Acceptable Lubricant.
- The grease has a wide operating temperature range; -25°C to +125°C.
- May be applied manually or by suitable mechanical applicators.
- Good resistance to the water wash-off.
- Provides effective corrosion protection to metals commonly found in the marine environment.
- Has excellent EP/load carrying capabilities containing EP additives to reduce wear and friction.
- Good oxidation resistance as per ASTM D 942.
- Compatible with Nitrile and Fluorelastomers as per ASTM D4289.

Applications

- Use in marine applications demanding a biodegradable VGP compliant NLGI 2 grease.
- General greasing of deck equipment and wire ropes.
- Rudder stock lubrication.
- Winch and windlass lubrication.



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Typical Properties

GulfSea BD EP2 Grease		
Test Parameters	Test Method	Typical Values
Appearance	---	Amber
Consistency	ASTM D 217	NLGI 2
Base Oil Density @ 15°C, kg/l	ASTM D 1298	0.91
Drop Point, °C	ASTM D 2265	>175
Flash Point (COC), °C	ASTM D 92	>170
Water washout @ 38°C, %wt loss	ASTM D 1264	< 2.0
4-Ball EP weld test, kgf	ASTM D 2596	>480
Timken OK Load, lbs	ASTM D 2509	>40
Copper strip corrosion, rating	ASTM D 4048	1b
EMCOR anti-rust; rating	ASTM D 6138	0.1

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