



# PRODUCT DATA SHEET

## GulfSea BD EP0 Grease

### Product Description

**GulfSea BD EP0 Grease** is a marine biodegradable grease for use in sensitive marine environments. It is a Lithium / Calcium thickened grease formulated from fully saturated renewable esters.



**GulfSea BD EP0 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 and Benefits

- **GulfSea BD EP0 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 +140°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.
- Compatible with Nitrile and Fluoroelastomers

### Applications

- Use in marine applications demanding a biodegradable VGP compliant NLGI 0 grease.
- Rudder stock lubrication.
- Propeller hubs and caps.
- Long shelf life of 5 years when stored in sealed containers out of direct sunlight and weather
- To exhibit its best performance in wire rope application, using pressurized wire rope lubricators is preferred to ensure grease reaches to the core of the wire rope.

### Typical Properties

GulfSea BD EP0 Grease		
Test Parameters	Test Method	Typical Values
Appearance	---	Amber / Light Brown
Consistency	ASTM D 217	NLGI 0
Worked penetration @25°C, 1/10 mm	ASTM D 217	>365
Base Oil Viscosity @ 40°C, cSt	ASTM D 7042	150
Drop Point, °C min	ASTM D 2265	>170
4-ball weld load, kg	ASTM D 2596	260

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