



# Marine Grease

## Lithium Complex Grease

### Description

Marine Grease is a premium quality biodegradable, water resistant Biotech based™ grease formulated with OptiBase™ Oils, lithium complex based thickener and extreme pressure additives for maximum performance. It meets NLGI's GC-LB specifications for fretting wear protection, oxidation & thermal stability, resistance for wear, rust & corrosion and compatibility with commonly used elastomers

### Biobased

Biobased, biodegradable, non-bioaccumulative, non-aquatic toxic and not toxic to plants. Based on evaluation of the base oils and the finished products, the biobased products are designed to be biodegradable, aquatically non-toxic, not bioaccumulative and with no impact on plants as determined by known test methods. Nevertheless, the use of all the products are subject to the local ordinances and ultimate responsibility for impact remains with the users

### Applications

- Suitable for Automotive, Chassis, Wheel Bearings & Fifth Wheel
- Recommended for fleet, farm, household and industrial applications
- Ideal for heavy load applications
- Designed for extreme pressure applications
- Recommended for environmentally sensitive areas near waterways

### Benefits

- Extreme pressure additives minimise friction and wear
- High film strength of vegetable oil provides superior lubricity
- Excellent oxidative and high temperature stability
- Higher flash point than petroleum greases for increased safety
- Mostly benign when released into the environment
- Meets USDA's biobased product definition for Executive Order 13101
- Conforms to EPA's EPP criteria
- Made from renewable natural crop based vegetable oils

Properties	Test Method	Typical Values
NLGI Grade		2
Appearance		Blue
Cone Penetration, Worked 60 strokes		260-290
Four Ball Wear Scar	mm	0.47
Four Ball Weld Load	kg	500
Water Resistance @ 80°C (loss)		11.6%
Viscosity@ 40°C, cSt	ASTM D 445	86
Viscosity @ 100°C, cSt		16
Flash Point °C, °F	°C, °F	326(619)
Base Oil Aquatic Toxicity	Daphnia	Non- Toxic
Base Oil Biodegradability	OECD	Pass

Packaging	Weight Imperial	Weight Metric
Cartridge	14oz	0.40kg
Pail	35lb	15.8kg
Keg	120lb	54.43kg
Drum	400lbs	181.44kg
Bulk Tote	As required	1040

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