

HonuBio Marine

Biodegradable Grease 2



Next Generation Sustainable Lubrication Technologies

PRODUCT NAME

**HonuBio Marine
Biodegradable Grease 2**

MANUFACTURER

Honu Eco Sustainable Solutions, Inc.
200 Mayfly Way
Simpsonville, South Carolina 29680

DESCRIPTION

Our Marine grease (**VGP certified**) is a premium quality biodegradable, water resistant grease formulated with a 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.

FEATURES AND BENEFITS

- Extreme pressure additives minimize 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
- Meets USDA's proposed Biobased product definition for EO 13101
- Manufactured from renewable USA-grown crop base oils

APPROVALS AND CERTIFICATIONS

Classified as environmentally acceptable lubricants (EAL's) as per the EPA's guidance document that defines standards for environmentally acceptable lubricants (EPA 800-R-11-002) and as required by EPA's 2013 U.S. Vessel General Permit (VGP)

PACKAGING

14 oz. cartridges, 35 lb. pail, 120 lb. kegs, 400 lb. drum and 2,100 lb. totes

SUITABLE USES

- HonuBio Marine Grease is recommended for use in applications on or near waterways. It meets the specifications required by the EPA's Vessel General Permit (VGP).
- 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

STORAGE AND SHELF LIFE

Storage – Keep in a cool, dry and well-ventilated place. Store in a properly labelled, original container. Containers which are opened must be carefully resealed and kept upright to prevent leakage. To help maintain product quality, do not store in heat or direct sunlight.

Shelf Life - Product shelf life is 24 months from date of packaging. In some cases, product can last longer, please contact your Honu Eco representative for proper testing and confirmation instructions.

CAUTIONS

Ensure adequate ventilation. Do not breathe vapor/dust. Use personal protective equipment and avoid contact with skin, eyes, and clothing. Wash thoroughly after handling. See the Safety Data Sheet (SDS) for emergency, proper handling and disposal information.

APPLICATION

- Follow recommendations provided in your equipment's owner's manual
- Follow your organization's manuals and/or best practices for preparation, cleaning, conversion, application and ongoing maintenance practices
- If you have further questions, please contact Honu Eco Tech Services by filling out the contact us form on honueco.com

AVAILABILITY

Worldwide.

TECHNICAL SERVICES

For additional information including the Safety Data Sheet (SDS), Frequently Asked Questions, and Glossary please visit honueco.com.

Typical Properties

Properties	
Product Code	M0315-L2
NLGI Grade	2
Appearance	Blue
Thickener Type	Lithium Complex
Cone Penetration, Worked 60 Strokes	265-290
Four Ball Wear Scar (mm)	0.47
Four Ball Weld Load (kg)	400
Dropping Point (°C)	>250
Water Resistance @80°C (% Loss)	11.6
Base Oil Viscosity at 40°C (cSt)	220
Base Oil Viscosity at 100°C (cSt)	36
Base Oil Biodegradability – OECD 301	Pass
Base Oil Aquatic Toxicity – OECD 202	Non-Toxic
Base Oil Plant Toxicity - OECD 208	Non-Toxic

The values quoted above are typical of normal production. They do not constitute a specification. Honu Eco makes no representations, guarantees or warranties, expressed or implied, including but not limited to any implied warranty of merchantability or fitness for a particular purpose, or as to the correctness or sufficiency of data herein presented. All risk and liability regarding use, conditions of use and handling of this product are assumed by the buyer and any user. No agent, representative, or employee of this company is authorized to vary any of the terms of this notice. To continue to provide superior quality, Honu Eco reserves the right to change the composition of its products without notice.