

# HonuBio HD 2

## Biodegradable Heavy Duty GC-LB Lithium Grease, NLGI 2



Next Generation Sustainable Lubrication Technologies

### PRODUCT NAME

HonuBio HD 2 Biodegradable Lithium Grease, NLI 2

### MANUFACTURER

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

### DESCRIPTION

**HonuBio HD 2** is a multi-purpose lithium grease formulated with premium quality biodegradable natural esters, lithium-based thickener, and extreme pressure additives for maximum performance. HonuBio HD 2 also meets the NLGI Requirements for NLGI, GC-LB certification.

### FEATURES AND BENEFITS

- Certified by NLGI as meeting GC-LB specifications
- Contains extreme pressure additives that minimize friction and wear
- Superior lubricity reduces heat and lessens energy consumption
- Higher flash point than petroleum greases for increased safety
- Biodegradable formula reduces damage to the environment
- Meets EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets USDA's proposed Biobased product definition for EO 13101
- Manufactured from renewable USA-grown natural esters reducing foreign oil dependency

### SUITABLE USES

- Meets NLGI LB classification for chassis lubrication
- Meets NLGI GC classification for wheel bearing and axle lubrication
- Recommended for most chassis and general-purpose lubrication
- Excellent for extreme pressure applications
- Recommended for farm and plant machinery
- Recommended for environmentally sensitive areas near waterways

### PACKAGING

- 14 oz Tubes
- 35 lb. Pail
- 125 lb. Kegs
- 400 lb. Drum
- 2100 lb. Totes

### 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](http://honueco.com)

### AVAILABILITY

Worldwide.

### TECHNICAL SERVICES

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

### APPROVALS AND CERTIFICATIONS

- NLGI – GC-LB Certification

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## Typical Properties

Properties	ASTM Test Method	HE-HD 2
Product Code		HEHD202
NLGI Grade		2
Appearance		Red
Cone Penetration, Worked (60x)		265-295
Four Ball Wear Scar, mm		0.54
Four Ball Wear Load, kg		250
Dropping Point °C		170
Oil Separation, %		<5%
Viscosity, @40°C, cSt		220
Viscosity, @100°C, cSt		36
Viscosity Index (VI)		214
Flash Point, °C		326
Biodegradability	OECD 301	Pass
Aquatic Toxicity	OECD 202	Non-Toxic
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.