

## PRODUCT NAME

**BioGrease HD 5M 2, Biodegradable Heavy-Duty Grease, 5% Moly NLGI 2**

## MANUFACTURER

BioBlend Renewable Resources, LLC.  
1500 Jarvis Ave.  
Elk Grove Village IL, 60007  
888.BIO.BLND (888.246.2563)

## DESCRIPTION

**BioGrease HD 5M 2** is a premium quality biobased, biodegradable grease formulated from USA-grown natural esters, lithium-based thickener and extreme pressure additives for maximum performance.

## FEATURES AND BENEFITS

- Fortified with molybdenum disulphide for added protection
- Contains extreme pressure additives 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
- Manufactured from renewable USA-grown natural esters
- Meets NLGI LB classification for chassis lubricant

## PACKAGING

- 14 OZ Cartridges (3x10 Packs)
- 35 LB Pail
- 400 LB Drum
- 2100 LB Totes

## SUITABLE USES

- Ideal for heavy load applications
- Use in applications specifying a molybdenum disulfide content
- Excellent for extreme pressure applications
- Recommended for construction, mining, farm and plant machinery
- 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 BioBlend 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 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 BioBlend Tech Services by filling out the contact us form on **bioblend.com**

## AVAILABILITY

Worldwide.

## TECHNICAL SERVICES

For additional information including the safety data sheet (SDS), frequently asked questions, and glossary please visit **bioblend.com**.

## 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)

**TYPICAL PROPERTIES**

Property	Test Method	HD 5M 2
Product Code		BGHD5M2
Color		Charcoal to Black
NLGI Grade		2
Cone Penetration, Worked (60x)		265-295
Dropping Point, °F (°C)		338 (170)
4 Ball Weld Load, kg		500
4 Ball Wear Scar, mm		.55
Oil Separation		<5%
Base Oil Viscosity at 40°C (cSt)		220
Base Oil Viscosity at 100°C (cSt)		36
Base Oil Viscosity Index		214
Base Oil Flash Point, °F (°C)		619 (326)
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. BioBlend 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, BioBlend reserves the right to change the composition of its products without notice.

