

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 including Moly for maximum performance.

FEATURES & BENEFITS

- Fortified with molybdenum disulphide for added protection
- Contains extreme pressure additives to 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

SUITABLE USES

Any industry utilizing threaded compounds where a release into the environment is possible.

APPLICATION / TECHNICAL SUPPORT

- 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

APPROVALS / CERTIFICATIONS

- eSyn Certified
- Classified as environmentally acceptable lubricants (EAL's) as per EPA standards for biodegradability, toxicity and bioaccumulation in aquatic environments

PACKAGE SIZES

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

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.

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.

AVAILABILITY

Worldwide

TYPICAL PROPERTIES

Technical Properties	Test Method	HD 5M 2
Product Code		BGHD5M2
Color		Charcoal to Black
NLGI Grade		2
Base Oil Viscosity at 40°C (cSt)		220
Base Oil Viscosity at 100°C (cSt)		36
Base Oil Viscosity Index		214
Performance Properties		
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 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.

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APPROVALS / CERTIFICATIONS LOGOS

