



Next Generation Sustainable Lubrication Technologies

HonuBio 2500 Natural DR

EAL, Biodegradable, 100% Biobased Deep Hole Drill Rod Grease

HonuBio 2500 Natural DR is a readily biodegradable deep hole drill rod grease formulated from natural ester base oils and a proprietary thickener. This product contains no petroleum, is 100% biobased, and is designed to provide superior lubrication of drill rods in coring operations. Available in NLGI grade 3.

FEATURES AND BENEFITS

- Superior adhesion to drill rods due to extremely tacky formulation
- Product is PFAS free
- Better coefficient of friction than most petroleum-based grease
- Performs excellent in wet environments
- Formulated to be applied on wet or dry surfaces
- Higher flash point than major petroleum greases
- for increased safety
- Effective at depths greater than 3000 feet
- Classified as an Environmentally Acceptable Lubricant (EAL)
- REACH Exempt

Application

Any drilling or coring application (geotechnical, oil & gas, mining, etc.) utilizing equipment with a need for a special purpose drill rod grease, especially systems where a release into the environment is possible or where a leak or spill could reach a waste stream.

PACKAGING

35 lb. Pail

400 lb. Drum

TECHNICAL SERVICES

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

Honu Eco Sustainable Solutions, Inc.
200 Mayfly Way / Simpsonville, South Carolina / 29680
www.honueco.com



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Typical Properties		Test Method
Product Code		HB2500DR
NLGI Grade		3
Appearance		Golden
Brown		
Thickener Type		Proprietary
Base Oil Viscosity @40°C, cSt	D445	2500
Base Oil Flash Point °C	D92	326

Performance Properties		
Cone Penetration, Unworked	D217	220-250
Four Ball Wear Scar, mm	D2266	>0.45
Four Ball Wear Load, kg	D2596	>500
Dropping Point °C	D225	>300
Oil Separation %	D6184	>5
Readily Biodegradable (meaning >60%)		Pass
Biodegradability, %	OECD 301B	>60
Aquatic Toxicity (daphnia magna) (EC 50), 48 hr	OECD 202	Non-Toxic
Base Oil Terrestrial Plant Toxicity	OECD 208	Non-Toxic
Not Bioaccumulative		Pass
(Calculated value as per EPA standard)		

APPLICATION / TECHNICAL SUPPORT

- 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 form on honueco.com

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