

IL-DRGAWR NLGI3

BIODEGRADABLE GREASE (AWR)

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PRODUCT DESCRIPTION

Biodegradable Grease (AWR) for Drilling Rod 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.

PRODUCT 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)

Suitable Uses

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.

Approvals / Certifications

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

Package Sizes

- 35 Lb Pail
- 400 Lb Drum

Availability

- Worldwide

Application/ Technical Support

- Follow recommendations provided in the original equipment owner's manual.
- Follow your organization's best practices for preparation, cleaning, conversion, application, and ongoing maintenance practices
- Technical Support - If you have further questions, please contact Interlube.ca and one of our team will contact you to review your question(s).



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Product Handling and Safety

- 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.

TYPICAL PROPERTIES

INTERLUBE IL-DRGAWR NLGI 3	Method	IL-DRGAWR
Product Code		IL-DRGAWR NLGI 3
NLGI Grade		3
Appearance		Golden Brown
Thickener Type		Proprietary
Base Oil Viscosity @40°C, cSt	ASTM D445	2500
Base Oil Flash Point °F (°C)	ASTM D92	619 (326)
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 Bio accumulative (Calculated value as per EPA standard)		Pass

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