

# IL-DRG2XT

BIODEGRADABLE DRILLING GREASE

IL-DRG2XT

## PRODUCT DESCRIPTION

Biodegradable drilling grease is a readily biodegradable grease formulated from natural ester base oils and an aluminum complex-based thickener. The additive package is designed to provide superior lubrication in high temperature and heavy load applications normally associated with drilling operations, especially the lubrication of drill rods in coring operations. Available in NLGI grade 3 and an Extra-Tacky 2.

## PRODUCT BENEFITS

- Superior adhesion to drill rods due to extremely tacky formulation
- Contains advanced extreme pressure additives for excellent protection
- Better coefficient of friction than most petroleum-based grease
- Formulated to be applied on wet 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) as per the EPA's 2013 U.S. Vessel General Permit (VGP)

## 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.

## 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](http://Interlube.ca) and one of our team will contact you to review your question(s).



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Canadian Product

[Interlube.com](http://Interlube.com) 1-819-975-2438

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## Product Handling and Safety

- 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.
- 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.
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## TYPICAL PROPERTIES

INTERLUBE IL-DRG2XT	Method	IL-DRG2XT
<b>Product Code</b>		IL-DRG2XT
<b>NLGI Grade</b>		2
<b>Appearance</b>		Golden Brown
<b>Thickener Type</b>		Aluminum Complex
<b>Base Oil Viscosity @40°C, cSt</b>	ASTM D445	680
<b>Base Oil Viscosity @100°C, cSt</b>	ASTM D445	78
<b>Base Oil Viscosity Index (VI)</b>	ASTM D2270	196
<b>Base Oil Flash Point °F (°C)</b>	ASTM D92	619 (326)
<b>Dropping Point, °C</b>	D225	> 240
<b>Cone Penetration, Unworked</b>	D217	265 - 295
<b>Four Ball Wear Scar, mm</b>	D2266	< 0.45
<b>Four Ball Wear Load, kgf</b>	D2596	> 500
<b>Oil Separation, %</b>	D6184	< 5
<b>Readily Biodegradable (meaning &gt; 60%)</b>		Pass
<b>Biodegradability, %</b>	OECD 301B	> 60
<b>Daphnia (EC 50), 48 hrs.</b>	OECD 202	Non-Toxic
<b>Base Oil Plant Toxicity</b>	OECD 208	Non-Toxic
<b>Not Bioaccumulative (Calculated per EPA standard)</b>		Pass

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superior quality, Interlube reserves the right to change the composition of its products without notice.



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