

Editorial Contact:
Cortec® Advertising Agency:

Shannon Garrow
(651) 429-1100 Ext. 1128

sgarrow@cortecvci.com

Company Contact:
Cortec® Corporation

Jay Zhang
(651) 429-1100 Ext. 1150

jzhang@cortecvci.com

Technical Contact:
Cortec® Corporation

John Wulterkens
(651) 429-1100 Ext. 1130

jwulterkens@cortecvci.com



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PRODUCT RELEASE



Cortec's EcoLine® Biodegradable Drilling Rod Grease to Replace Petroleum-Based Counterpart

Constant vibration in drilling operations causes friction and wear on drilling rods. To reduce this wear and increase efficiency, standard aluminum-thickened greases are used to provide extreme pressure protection. Unfortunately, these greases are traditionally petroleum-based and not biodegradable, raising concern about leakage and disposal issues in environmentally sensitive areas.



Cortec® has released an eco-friendly alternative called EcoLine® Drilling Rod Grease, a premium quality biobased and biodegradable lubricant for drilling rod applications. EcoLine® Drilling Rod Grease contains extreme pressure additives for excellent protection where constant drilling vibration creates a high load on drilling rod joints. This biobased, biodegradable grease is recommended for use in environmentally sensitive areas near waterways. EcoLine® Drilling Rod Grease can be used wherever there is a need to

- Reduce friction and wear
- Improve operational efficiency
- Provide extreme pressure protection
- Replace standard non-biodegradable petroleum-based grease



EcoLine® Drilling Rod Grease is formulated from vegetable oils and aluminum complex based thickener. It offers superior lubricity with a better coefficient of friction than most petroleum-based grease. EcoLine® Drilling Rod Grease also has a higher flash point than most petroleum greases, increasing safety and allowing use in high temperature applications. It is formulated to be applied to wet surfaces and is available in NLGI grades 1, 2, and 3. Other important characteristics of EcoLine® Drilling Rod Grease are that it:

- Meets the EPA's Environmental Preferable Purchasing (EPP) criteria
- Meets the USDA's proposed biobased product definition for EO 13101
- Is not toxic to plants

Whether the need is to find a lubricant suitable for drilling operations in environmentally sensitive areas, or simply to choose a sustainable product made from renewable materials, EcoLine® Drilling Rod Grease offers the necessary lubrication and pressure protection in an eco-friendly biobased package.

To learn more about EcoLine® Drilling Rod Grease, please visit:

https://www.cortecvci.com/Publications/PDS/EcoLine_Drilling_Rod_Grease.pdf

**It is always important to ensure that use and disposal of all materials is in accordance with local guidelines.*

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