

Editorial Contact:  
Cortec® Advertising Agency:

Jeni Duddeck  
(651) 429-1100 Ext. 1114

[jduddeck@cortecvci.com](mailto:jduddeck@cortecvci.com)

Company Contact:  
Cortec® Corporation

Julie Holmquist  
(651) 429-1100 Ext. 1194

[jholmquist@cortecvci.com](mailto:jholmquist@cortecvci.com)

Technical Contact:  
Cortec® Corporation

Ben Voight  
(651) 429-1100 Ext. 1174

[bvoight@cortecvci.com](mailto:bvoight@cortecvci.com)



**Attention: Editor**

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**PRESS RELEASE**



## **Cortec® Grease Portfolio Tackles Environmental and Corrosion Concerns in Bearings Lubrication**

Bearings are everywhere and play a key role in keeping equipment and society functioning smoothly. If not lubricated and protected from corrosion, bearings will stop working properly, leading to minor or serious equipment malfunctions. Cortec® takes a specialized approach to bearings lubrication by focusing on two specific areas of concern: environmental impact, enhanced corrosion protection, or (where possible) both!



**Lower Your Environmental Impact with Biobased Lubricants**



Cortec® offers many biobased, biodegradable EcoLine® greases for those whose main concern is lowering environmental impact or dealing with environmentally sensitive areas. Like all greases, EcoLine® greases also provide basic corrosion protection simply by helping to seal out oxygen, moisture, and other corrosives.

EcoLine® Heavy Duty Grease is an NLGI Grade 2 grease ideal for bearings with heavy loads. It meets NLGI's GC-LB specifications for fretting wear protection, oxidation and thermal stability, and resistance to rust and corrosion. EcoLine® Heavy Duty Grease is

formulated with a vegetable oil base, lithium complex based thickener, and extreme pressure additives for superior lubricity and maximum performance under heavy loads. It is designed to be biodegradable and aquatically non-toxic with no impact on plants. It is therefore recommended for use on bearings in environmentally sensitive areas near waterways.\*

EcoLine® Bio-Based Food Machinery Lubricating Grease #1 and EcoLine® Bio-Based Food Machinery Lubricating Grease #2 are specialty biobased, biodegradable greases for lubrication of bearings on machinery where there is the possibility of incidental contact with food. They contain 96% USDA certified biobased content and are registered with the NSF Nonfood Compounds Registration Program as H1 category lubricants for incidental food contact (Reg. #157337 and Reg. #157338). They are ready to meet demanding lubrication applications in the food and beverage processing industries.



**Boost Your Corrosion Protection with VpCI®-Enhanced Grease**



Although not a biobased grease, CorrLube™ VpCI® Lithium EP Grease powered by Nano VpCI® is an excellent choice for lubrication of bearings in layup and intermittently operating conditions. It is specifically formulated with superior corrosion inhibiting properties against salt water, brine, H<sub>2</sub>S, HCl, and other corrosive agents. One key advantage is that it provides lubrication for

longer periods of time without needing to be switched out when transitioning from layup to operation or vice versa. It can be used in many general lubricant applications:

- Ball and roller bearings
- Bushings
- Pulley bearings
- Generator end bearings
- And more!



### Choose Extra Corrosion Protection and Biobased Grease

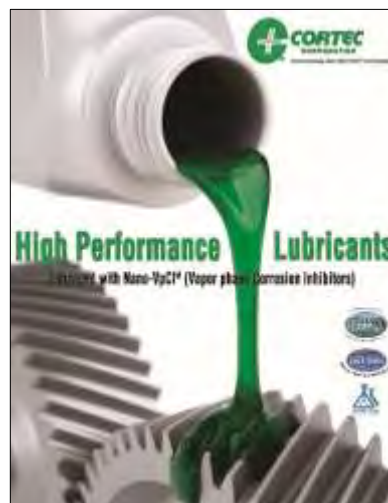


Another specialty grease available from Cortec® combines biobased content with extra corrosion protection. EcoLine® Bio-based Grease powered by Nano VpCI® is an NLGI Grade 3 grease that contains 86% USDA certified biobased content. It is formulated from vegetable oils, lithium-based thickener, extreme pressure additives, and Cortec® VpCI® corrosion inhibitors. In addition to providing lubrication and corrosion protection to carbon steel with which it is in direct contact, it also protects metals in surrounding hard-to-reach cavities through vapor-phase corrosion inhibiting action. These qualities make it ideal for enclosed bearings needing NLGI Grade 3 grease in corrosive environments such as outdoor or offshore applications.

### Start Here for Bearings Maintenance

Practically everyone relies on bearings in some form, and practically every bearing relies on grease. The good news is that there are many options available to either deal with environmental concerns, corrosion threats, or both. Cortec's portfolio of greases is a great place to start to find excellent options for keeping bearings in good operating condition. Contact us today for assistance in selecting the right grease for your application:

<https://www.cortecvci.com/contact-us/>



Learn more about EcoLine® Heavy Duty Grease here:

[https://www.cortecvci.com/Publications/PDS/EcoLine Heavy Duty Grease.pdf](https://www.cortecvci.com/Publications/PDS/EcoLine_Heavy_Duty_Grease.pdf)

Learn more about EcoLine® Bio-Based Food Machinery Lubricating Grease #1 & #2 here:

[https://www.cortecvci.com/Publications/PDS/EcoLine Biobased Food Machinery Grease1&2.pdf](https://www.cortecvci.com/Publications/PDS/EcoLine_Biobased_Food_Machinery_Grease1&2.pdf)

Learn more about CorrLube™ VpCI® Lithium EP Grease here:

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Learn more about EcoLine® Bio-based Grease powered by Nano VpCI® here:

[https://www.cortecvci.com/Publications/PDS/EcoLine Biobased Grease.pdf](https://www.cortecvci.com/Publications/PDS/EcoLine_Biobased_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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