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**Attention: Editor**

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**PRESS RELEASE**



## **Sustainable Solutions for Government Bearings Contractors and Eco-Conscious Suppliers**

Biobased corrosion protection and lubrication of bearings has become easier than ever, thanks to Cortec's assorted portfolio of USDA Certified Biobased Products! This is important not only for eco-conscious buyers, but also for U.S. federal agencies and their contractors, who are required to purchase biobased products in more than 100 product categories under the mandatory federal purchasing initiative



of the USDA BioPreferred® Program.\* Fortunately, Cortec's sustainable solutions extend all the way from corrosion protection for the bearing manufacturer to biobased lubrication and corrosion protection for the bearing's end user.

## Biobased In-Plant Rust Prevention

Corrosion protection starts at the manufacturing plant, where metals are ground, polished, and assembled into smoothly functioning bearings. Common sense and best practices typically call for workers to apply rust prevention before the vulnerable components are shipped out the door. Cortec® offers several extremely convenient biobased options for these applications.



VpCI® papers offer dry corrosion protection without the need for oily rust preventatives to be applied and later removed. The papers release Vapor phase Corrosion Inhibitors that adsorb on metal surfaces wrapped inside. Protected bearings can be put into use immediately—no extra cleaning or degreasing required. CorShield® VpCI®-146 contains 92% USDA certified biobased content and offers double-sided corrosion protection. EcoShield® VpCI®-144 contains 69%

USDA Certified Biobased Content and includes an extra moisture barrier that is fully recyclable and repulable, unlike traditional PE-coated or waxed papers.

For bearings manufacturers who still prefer to apply a liquid rust preventative (RP), BioCorr® is another environmentally sound alternative to petroleum derived products. Unlike rust preventative oils, this product leaves a dry film that is virtually undetectable on the surface of the metal. It contains 64% USDA certified biobased content and helps to create a cleaner workplace overall compared to messier traditional RPs.



## Biobased Bearings Lubrication



Lubrication is another critical aspect of a bearing's life cycle. The majority of lubrication occurs while the bearing is in use, but in some cases, grease is added and sealed inside the bearings before they leave the manufacturing plant.

EcoLine® Bio-Based Food Machinery Lubricating Grease #1 and EcoLine® Bio-Based Food Machinery Lubricating Grease #2

are NLGI Grade 1 and 2 greases for lubrication of machinery where there is the possibility of incidental contact with food. They are registered with the NSF Nonfood Compounds Registration Program as H1 category lubricants (Reg. #157337 and Reg. #157338, respectively) but can also be used in other industries where the superior lubricity of natural seed oils is desired. They contain 96% USDA certified biobased content.



For bearings that need extra corrosion protection in an NLGI Grade 3 application, EcoLine<sup>®</sup> Bio-based Grease powered by Nano VpCI<sup>®</sup> is an exceptional choice. This NLGI Grade 3 grease contains 86% USDA certified biobased content as well as Vapor phase Corrosion Inhibitors. These VpCI<sup>®</sup> inhibitors protect metals in direct contact with the grease, as well as metals in surrounding hard-to-reach cavities in the sealed bearing enclosure. It is an excellent option for bearings exposed to harsh outdoor elements in marine or transportation industries.

Everyone—government agencies and their contractors no less—depends on bearings. By offering excellent rust preventative and lubrication solutions with significant percentages of biobased content, Cortec<sup>®</sup> is able to help organizations meet mandatory federal purchasing requirements for everyday bearings lube and rust prevention needs, while also catering to the concerns of any industry looking to lower their environmental impact!



Contact Cortec<sup>®</sup> today to get your supply of biobased bearings lube and rust prevention products:

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

*\*For more information, go to <https://www.biopreferred.gov>.*

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122