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**Attention: Editor**  
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**PRESS RELEASE**



## **Achieve Extreme Corrosion Protection with Cortec's Biobased Temporary Coating**

Cortec's goal is to offer practical, effective corrosion solutions that are friendlier to workers and the environment wherever possible. That is why EcoLine® 3690 is a strong winner in the field of biobased temporary coatings for rust prevention. EcoLine® 3690 is a USDA Certified Biobased Product that offers extreme corrosion protection to metal parts stored in



open atmosphere conditions. It has shown good performance in lab and field testing and has proved satisfactory for companies who want to find a "greener" technology that is overall better for their workers and the environment.

EcoLine® 3690 is a biobased ready-to-use temporary coating designed for severe marine and high humidity conditions. It leaves behind a thin oily film that clings to the metal surface and does not dry. It is temperature stable to 180 °F (82 °C) and is easy to remove with an alkaline cleaner. EcoLine® 3690 shows good performance in both salt fog and humidity testing and tends to easily outperform its non-renewable oil-based equivalent. EcoLine® 3690 can be used to protect multiple metal types:

- Carbon Steel
- Silver
- Cast Iron
- Stainless Steel
- Copper
- Magnesium
- Aluminum



EcoLine® 3690 contains 72% USDA certified biobased content and is a qualified product under the mandatory federal purchasing initiative of the USDA BioPreferred® Program.\* This presents a convenient and effective option for federal agencies and their contractors who have to comply with minimum biobased content requirements in the rust preventatives they buy. It is also an excellent option for any eco-conscious



user looking to reduce reliance on fossil-fuels by opting for higher proportions of renewable content. Further benefits are that it has no VOCs and does not contain any EPA listed or California Prop 65 components, making it an overall friendlier product for worker use.

EcoLine® 3690 has shown excellent test results to the point of even being adopted by a third-party packager for aftermarket protection of GM auto parts. In 2019, this packaging services provider wanted to find an alternative to the solvent-based rust preventative that had been used for decades but was difficult to remove and raised worker safety and environmental concerns. They sent auto parts to Cortec® Laboratories for testing to find an alternative that



would meet GM specs for testing in humidity and salt spray conditions. EcoLine® 3690 was one of the two products tested and proved to be the more effective choice. The product met GM specs, whereupon EcoLine® 3690 was adopted for long-term indoor storage of all-time-buys (up to 10 years' build-ahead of new parts) including crankshafts, camshafts, and cylinder heads.



In another case, a manufacturer of tubes for fire protection systems needed a corrosion protection solution for the ends of tube bundles stored outdoors for nine to 12 months. The tubes do not get adequately protected with paint as they travel rapidly down the production line and therefore require the separate application of a rust preventative onto tube ends to present a pleasing appearance to the customer. After conducting a trial of EcoLine® 3690 on a small bundle of tubes stored outdoors for about eight months, the manufacturer was impressed with the results and adopted it as a replacement to their previously used solvent-based rust preventative.

Good corrosion protection with biobased coatings is available. It has been successfully tried and is just waiting to be used by more and more manufacturers looking for an effective biobased alternative technology. Contact Cortec® for more information and to see if EcoLine® 3690 works for your application:

<https://www.cortecoatings.com/contact-us-2/>

*\*For more information about the BioPreferred® Program, please visit:*

<https://www.biopreferred.gov>.



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