

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® Releases Grade 1 and 2 Biobased Greases for Food Machinery Lubrication

Cortec® has added two new food machinery lubricating greases to its expanding portfolios of environmentally friendly greases and USDA Certified Biobased Products. EcoLine® Bio-based Food Machinery Lubricating Grease #1 and EcoLine® Bio-based Food Machinery Lubricating Grease #2 are NLGI grade 1 and NLGI grade 2 greases (respectively) that provide superior lubricity to moving parts.



Nonfood Compounds
(Category Code: H1)
(Registration #157337)

As their names suggest, these greases can be used to lubricate machinery where there is the possibility of incidental contact with food. EcoLine® Bio-based Food Machinery Greases are formulated in accordance with U.S. FDA regulation 21 CFR 178.3570, "Lubricants With Incidental Food Contact."

They are also registered with the NSF Nonfood Compounds Registration Program as H1 category lubricants for incidental food contact (Reg. #157337 for grade 1 and Reg. #157338 for grade 2).



Consistent with Cortec's interest in offering a wide range of renewable products, these two food machinery greases qualify for federal purchasing in accordance with the USDA BioPreferred® Program,* which requires that federal agencies purchase food grade greases that contain at least 42% renewable content. Far exceeding this requirement, EcoLine® Bio-based Food Machinery Lubricating Grease #1 and, EcoLine® Bio-based Food Machinery Lubricating Grease #2 each contain 96% USDA certified biobased content. The two greases are made from natural seed oils and are biodegradable and not toxic to plants.

EcoLine® Bio-based Food Machinery Greases provide good adhesion to resist water washout. They contain extreme pressure additives and operate under a wide range of temperatures. In addition to being used for superior lubricity, they can also:

- Protect ferrous metals from rust
- Protect equipment/gears under heavy shock loads

EcoLine® Bio-based Food Machinery Grease #1 has the slightly lower viscosity for use in NLGI grade 1 grease applications such as:

- Low speed bearings
- Oscillating machinery
- Other ambient or low temperature applications



Typical applications for EcoLine® Food Machinery Grease #2, an NLGI grade 2 grease with higher viscosity, include:

- Bearings
- Gears

- Machine slides

To learn more about EcoLine® Bio-based Food Machinery Grease #1 & 2, please visit:

<https://cortecvci.com/Products/single.php?code=25066>

*To learn more about the USDA BioPreferred® Program, please visit 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