



NEWS ALERT

Are You Ready to Go Biobased with Food Machinery Lubrication?



Lubrication is an important part of everyday maintenance, helping equipment function smoothly and last longer. This is no less true in the food industry, where processing equipment to chop, stir, rotate, or otherwise maneuver foodstuffs is continuously on the move. The special challenge is making sure nothing is used that could potentially contaminate the food processing environment for the safety of consumers. In these situations, Cortec's answer is food grade grease that doubles as a USDA Certified Biobased Product.

[EcoLine® Bio-Based Food Machinery Lubricating Grease #1 and #2](#) (NLGI Grades 1 and 2) are designed for lubrication of machinery where incidental contact with food is possible. Both greases have been registered with the NSF Nonfood Compounds Registration Programs as H1 category lubricants for incidental food contact (Reg. #157337 and #157338, respectively). They provide superior lubricity, show good adhesion, and have a wide range of operating temperatures. Possible applications are as follows.

EcoLine® Bio-Based Food Machinery Lubricating Grease #1:

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

EcoLine® Bio-Based Food Machinery Lubricating Grease #2:

- Bearings
- Gears
- Machine slides



EcoLine® Bio-Based Food Machinery Lubricating Grease #1 and #2 are made from natural seed oils and each contain 96% USDA certified biobased content. This feature makes them an excellent choice for anyone who prioritizes the use of renewable resources or simply needs to meet minimum biobased content requirements under the mandatory federal purchasing initiative of the USDA BioPreferred® Program.* EcoLine® Bio-Based Food Machinery Lubricating Grease #1 and #2 are also biodegradable and not toxic to plants, making them a great alternative to petroleum-based greases both on the sourcing and disposal side.†

As long as mass food processing goes on, so, too, must lubrication. The exciting news is that biobased food grade greases can easily replace petroleum-based ones to enhance sustainability and user friendliness. [Contact Cortec® today to discuss making the switch from fossil fuels to seed oils!](#)

*For more information about the BioPreferred® Program, please visit: <https://www.biopreferred.gov>.

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

Keywords: biobased grease, food grade lubricants, food industry grease, alternative to petroleum, USDA Certified Biobased Product, BioPreferred, biodegradable greases, food machinery lubricants, Cortec, sustainability in food industry, EcoLine



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