



VpCI® METALWORKING PRODUCTS



# EcoLine® Food Machinery Lubricating Grease



## PRODUCT DESCRIPTION

EcoLine Food Machinery Lubricating Grease is a high-quality, corrosion inhibiting lubricant formulated with American-grown natural seed oil. This environmentally friendly lubricating and rust preventative grease, was specifically formulated to meet and exceed the demands of major food and meat processing plants. It conforms to USDA H-2 criteria and USFDA regulations 21CFR. The combination of FDA approved corrosion inhibitors and the specially formulated aluminum based thickener, provides superior protection and lubricity to most conventional greases.

In addition to lubricating, self-healing, and high flash point properties, this biodegradable lubricating grease provides a powerful combination of contact and vapor phase corrosion protection.

## FEATURES

- USDA is a Certified biobased product
- Contains 92% biobased content
- USDA BioPreferred designated Food Grade Grease for Federal preferred purchasing
- Reduces friction and wear
- Provides superior lubricity to promote longer equipment life
- Biodegradable formula reduces damage to the environment
- Has high flash point for increased safety
- Conforms to USDA H-2 rating
- Conforms to FDA regulation 21CFR
- Meets EPA's EPP criteria
- Manufactured from renewable American-grown crop-based oils
- Meets most manufacturers specifications
- Excellent corrosion protection for ferrous and colored metals
- Biodegradable when released into the environment
- Recommended for both operating and mothballed equipment



## TYPICAL PROPERTIES

Property	Data	Method of Evaluation
Appearance	Tan to brown grease	Visual
Non-Volatile		95-98.5
Density		7.4-8 lbs/gal 0.9-0.92 kg/l
Cane Penetration, unworked	310	ASTM-D217
Worked 60 strokes	340	
4-Ball EP, Load Wear Index	N/A	ASTM D-2296
4-Ball Wear Scar, mm	200	ASTM D-2596
Corrosion Test (Salt Spray Cabinet)	200 hours	ASTM B-117
Thicker Type	Aluminum	
<b>Base Oil</b>		
Viscosity		
@40°C, cSt	40	ASTM D-445
@100°C, cSt	8.6	ASTM D-445
Viscosity Index	201	ASTM D2270
Pour Point °C/°F	-12/10.4	ASTM D-97
Flash Point, °C/°F	326/618.8	ASTM D-92
Fire Point, °C/°F	358/676.4	ASTM D-92

## METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Cast iron
- Aluminum and alloys
- Copper and alloys

## APPLICATION

### Product Application:

Product can be applied by brush, roll, or using standard grease guns.

### Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec® VpCI-414 or mineral spirits.

## PACKAGING AND STORAGE

EcoLine Food Machinery Lubricating Grease is available in 5 gallon (19 liter) plastic containers, 55 gallon (208 liter) metal drums, and 16 oz. (453.6 g) EcoLine® cartridges. EcoLine Food Machinery Lubricating Grease should be stored sealed. Shelf life is 24 months in sealed containers.

## FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT SAFETY DATA SHEET FOR MORE**

**INFORMATION**

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Distributed by:



4119 White Bear Parkway, St. Paul, MN 55110 USA  
 Phone (651) 429-1100, Fax (651) 429-1122  
 Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com  
 Internet http://www.cortecvci.com

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