



VPCI™ METALWORKING PRODUCTS

EcoLine™ Food Machinery Lubricating Grease



- Has high flash point for increased safety
- Confirms to USDA H-1 rating
- Confirms to FDA regulation 21CFR 178 3570
- Meets EPA's EPP criteria
- Meets USDA's biobased product definition for EO 13101
- 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

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, specifically formulated to meet and exceed the demands of major food and meat processing plants, confirms to USDA H-1 criteria and USFDA regulations 21CFR 178 3570 "Lubricants with incidental Food Contact". 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

- Reduces friction and wear
- Provides superior lubricity to promote longer equipment life
- Biodegradable formula reduces damage to the environment

TYPICAL PROPERTIES

Property	Data	Method of Evaluation
Appearance	Golden	Visual
Non-volatile Content		95-98
Density		7.6-7.8 lbs/gal 0.9-0.92 kg/l
Cone Penetration, unworked	310	ASTM D217
Worked 60 strokes	340	
4-Ball EP, Load Wear Index	N/A	ASTM D-2596
4-Ball Wear Scar, mm	0.48	ASTM D-2266
Weld Load, Kg	200	ASTM D-2596
Corrosion Test (Salt Spray Cabinet)	200 hours	ASTM B-117
Thickener Type	Aluminum	
Base Oil		
Viscosity		
@40°C, cSt	40	ASTM D-445
@100°C, cSt	8.6	ASTM D-445
Viscosity Index	201	ASTM D-2270
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 or roll, or using standard grease guns.

Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec® VpCl™ -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™ spray bottles. 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 MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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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@cortecvc.com
Internet <http://www.CortecVpCl.com>

Distributed by:



OTiK Sp. z o.o.

ul. Hutnicza 4
81-061 Gdynia
tel.: 58 6230498
fax: 58 6230496

otik@use.pl

www.inhibitory.use.pl

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