

SURFACE PREPARATION PRODUCTS

EcoAir® Biobased CLP



PRODUCT DESCRIPTION

EcoAir® Biobased CLP is a non-toxic, “green” multifunctional cleaner/lubricant/protectant packaged in an environmentally friendly spray can. Utilizing a canola oil base, it provides excellent penetrating, lubricating, and rust preventing action for industrial, shop, and home use. EcoAir® Biobased CLP can be used for many functions such as loosening rusted parts and protecting equipment components from wear and corrosion.

EcoAir® Biobased CLP contains 89% USDA certified biobased content and is listed in the USDA BioPreferred® Catalog (www.biopreferred.gov). EcoAir® Biobased CLP comes in an air-powered spray can that dispenses the product with compressed air, without the use of flammable or ozone depleting propellants. EcoAir® Biobased CLP can be sprayed in any direction, even upside down. Once the product is fully dispensed, the empty can is recyclable.

Please contact Cortec® Technical Service with product questions.

FEATURES

- USDA Certified Biobased Product
- Environmentally friendly and biodegradable
- Non-flammable and non-toxic
- Replaces hazardous mineral oils and other petro-based solvents
- Freeze stable
- Easy to remove with common detergents, if needed

BENEFITS

- Extends life of machine parts by reducing friction and wear
- Loosens frozen and rusted bolts and other components
- Loosens and removes dirt and grime
- Provides multi-metal corrosion protection
- Works as an excellent penetrant and lubricant

TYPICAL APPLICATIONS

Spray on metal parts to use for:

- In-plant machining
- Bar and chain oil
- Flange lubricant
- Locks and hinges
- Penetrating oil/lubricant
- Mold release

METALS PROTECTED

- Carbon steel
- Galvanized steel
- Stainless steel
- Aluminum and alloys

TYPICAL PROPERTIES

Appearance	Clear amber/brown liquid
Corrosion Resistance	Up to 24 months
Non-volatile Content	99-100%
Density	7.6-7.7 lb/gal (0.91-0.92 kg/L)
Kinematic viscosity (40°C)	12.5 cSt (mm ² /s)

PACKAGING AND STORAGE

Packaged in 10 oz. net wt. (284 g) recyclable steel cans. 12 cans per carton.

Shelf life is 24 months.

Read SDS before use.

TEST RESULTS

Corrosion Tests		
Test	Description	Result
ASTM D-1748	Humidity Chamber	>600 hours
ASTM B-117	Salt Spray Chamber	65 hours
Lubricating Properties		
Test	Description	Result
ASTM D-4172	Four Ball Wear	0.69 mm scar diameter
ASTM D-3233	Falex Pin & Vee	1349 lbs. (611.8961 kg)
ASTM D-5620A	Evaluating Thin Film Fluid Lubricants	Average 42 minutes
Measuring of the Torque of Loosening Rusted Nuts		
Lubricant used	Torque to loosen, psi	Result
Control	>250	Not able to unscrew
EcoAir® Biobased CLP	171	Able to unscrew
Conventional penetrant/ lubricant widely used	236	Able to unscrew

Properties and results listed above are typical properties obtained through normal production and do not constitute a specification.

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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