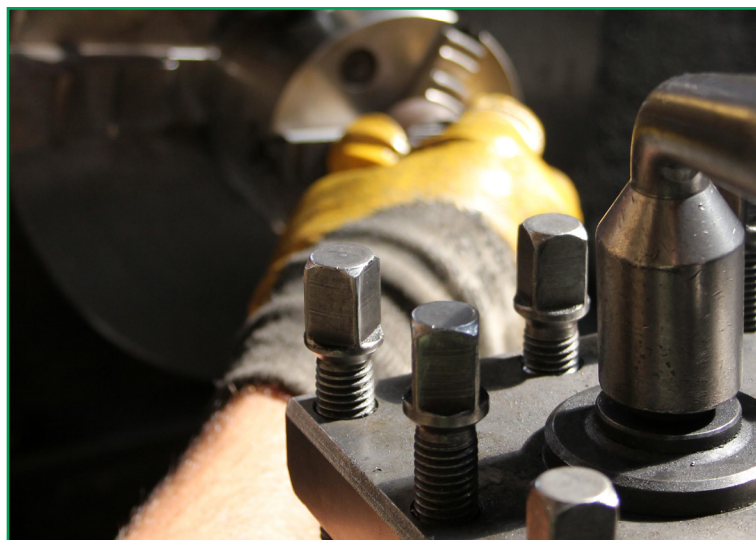




## SURFACE PREPARATION PRODUCTS

# EcoAir® Biobased CLP



- 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 grimes
- Can be used as an excellent mold release
- Contains an extra pressure additive for extra wear protection
- 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
- Nuts and bolts
- Office machinery
- Penetrating oil/lubricant
- 

### 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) | 12.54 centistokes (mm <sup>2</sup> /s) |



### 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](http://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.

### FEATURES

- USDA Certified Biobased Product
- Environmentally friendly and biodegradable
- Non-flammable and non-toxic

## PACKAGING AND STORAGE

Packaged in 10 oz. net wt. (384 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         |

**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**

### LIMITED WARRANTY

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