



## Renewable Lubricants, Inc.

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### **Bio-Parts Cleaner/Degreaser™ (Soy Based)**



#### *"Biobased Lubricants that Perform Like Synthetics"*

A specially formulated, ultimately biodegradable Soy Cleaner/Degreaser that is a safe improvement over petroleum solvents for cleaning parts and equipment. This safe, nonflammable biobased product contains no hazardous Volatile Organic Compounds (VOCs), and has been formulated with anti-oxidants for improved stability. It provides a direct replacement for mineral spirits and stoddard solvents (excellent electrical insulating value @ 47KV). This all-purpose product removes oily grimy dirt on used parts for maintenance and repairs and is excellent for cleaning engines, transmissions, differentials, electric motors, and machinery parts before rebuilding. Exceptional for cleaning road grime, pine sap, and tar on vehicles. EPA, OSHA, Workers Acceptance is high with Biobased Products.

Applications for: –Military –Industrial –Transportation –Marine –Agricultural –Mining

Non-flammable cleaning of: Jacks, Bearings, Bolts, Linkage Cables, Dies,

Wire Ropes, Chains, Tracks, Slides, Shafts, Assembly Parts, Hand Tools,

Firearms, Air Tools, Machine Tools, etc.

#### **TYPICAL TEST DATA:**

ASTM D-445 3.9 cSt @ 40°C

ASTM D-93 Flash Point 149 °C

Pound Per Gallon 7.16

ASTM D-877 Dielectric Strength >40KV

Emulsification with Water- None

ASTM D-2500 Cloud Point -5.5 °C

ASTM D-97 Pour Point -12 °C

ASTM D-130 Copper Corrosion 1a

ASTM D-1160 Distillation Temp 355 °C

### **Bio-Cleaner/Degreaser (plus Corrosion Protection) (Soy Based)**

*This product is the same as above (Bio-Parts Cleaner Degreaser) with a corrosion inhibitor.*

A specially formulated, ultimately biodegradable<sup>1</sup> Soy Cleaner/Degreaser that can be used to replace petroleum solvents for cleaning parts and equipment. This safe, nonflammable product contains no hazardous Volatile Organic Compounds (VOCs), and has been formulated with anti-oxidants and corrosion inhibitors for improved stability. Excellent cleaning of assembly parts and new unfinished metal to provide short term storage.

#### **TYPICAL TEST DATA:**

(Same as Bio-Parts Cleaner Degreaser Data)

STABILIZED by Renewable Lubricants\* is RLI's trademark on their proprietary and patented anti-oxidant, anti-wear, and cold flow technology. High Oleic Base Stock (HOBS) are agricultural vegetable oils. This Stabilized technology allows the HOBS to perform as a high performance formula in high and low temperature applications, reducing oil thickening and deposits.

<sup>1</sup> Ultimate Biodegradation (Pw1) within 28 days in ASTM D-5864 Aerobic Aquatic Biodegradation of Lubricants

Proprietary Formula

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<b><u>Availability</u></b>	<b><u>F.O.B. :Hartville, Ohio, USA</u></b>	<b><u>1 Gallon</u></b>	<b><u>5 Gallon Pail</u></b>	<b><u>Drum</u></b>	<b><u>Totes</u></b>	<b><u>Bulk</u></b>
Item #		86633	86634	86636	86637	86639