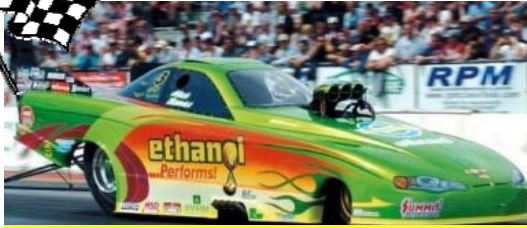


# Bio-based Lubricants "Green Solutions" for the 21<sup>st</sup> Century

## "Bio-based Lubricants that Perform Like Synthetics"



**"NEWS" Mark Thomas IHRA Racer Wins the 7<sup>th</sup> World Championship**

**ENVIRONMENTALLY RESPONSIBLE** lubricant products are formulated from Renewable agricultural plant resources. We believe Earth's environmental future rests in the use of Renewable materials.

### GREEN PRODUCTS THAT ARE:

- **BIO-BASED**
- **BIODEGRADABLE**
- **BIOPREFERRED**
- **RENEWABLE**
- **SUSTAINABLE**
- **NSF FOOD GRADE 3H, H1**
- **ENERGY CONSERVING**
- **ECO NON-TOXIC**



### Exciting Affordable BioBased Products For:

- |  |             |                |
|--|-------------|----------------|
| Military                                 | Marine      | Postal System  |
| Forestry                                 | Mining      | Municipalities |
| Industry                                 | Agriculture | Transportation |
| Shipping                                 | Railroad    | Recreational   |
| ★ National, State, and City Park Systems |             |                |



NOAA Ship Nancy Foster, Bio-Ultimax Hyd Fluid

### Patented Technology "Meeting the Future Now"

Innovation !! Renewable Lubricants™ is the world's leading developer and manufacturer of high-performance lubricant products based on renewable resources. For fifteen years, world and national champion racers have depended on our know-how in developing new bio-based, high-performance lubricants that optimize their racing wins on the track. RLI has developed lubricants from 3500 horsepower **high performance** racing engines to the most severe hydraulic requirements for the extreme cold temperatures of Pictured Rocks National Lakeshore.

RLI offers over **150 bio-based products** to service your needs and requirements. RLI offers full technical support to help you make the right choice of bio-based products for your facilities and equipment. RLI is a full service company that will help keep your bottom-line more profitable.

### Why Is the Time Right for RLI's Technology?

As petroleum prices are historically high, and our dependence on foreign energy increases, RLI's Bio-based and Environmentally Preferred Products will help our country better achieve its economic sustainability and security goals, and comply with Section 9002 of the 2002 Farm Bill Law which mandates purchasing by all government agencies. Now the "BioPreferred" Program.



NOAA Receiving Leadership Award  
Bio Lubricants in all Equipment and Vehicle Engines



Pictured Rocks National Lakeshore, Chris Case  
RLI Bio Lubricants in Equipment & Vehicle Engines



**RENEWABLE LUBRICANTS**

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### **Renewable Lubricants, Inc.**

Distributed By: DM's Bio-Based Fluid Supply Inc.  
10 McEwan Dr. W, Unit 4B  
Bolton, ON, Canada L7E 1H1  
Voice: 905.951.1100 Fax: 905.951.2100  
[www.dmsbiobased.ca](http://www.dmsbiobased.ca)

# "PARTA REGIONAL TRANSIT AUTHORITY" Renewable Lubricants™, Inc. BIOBASED FLUIDS PERFORM

*"Biobased Lubricants that Perform Like Synthetics"*

## PARTA Leading the Way in Gov. BioPreferred Program

**Portage Area Regional Transit Authority (Kent, Ohio) Taking advantage of Outstanding Biobased Lubricant Performance: Bio-Engine Oils, Bio-Hydraulic Fluids, and Bio-Fuel Conditioners**



PARTA gained up to 10% fuel efficiency as a result of using Bio-Power™ Fuel Conditioners to clean up the carbon deposit problems in injectors and EGRs on their 72 vehicle fleet, as a result PARTA could see over \$50,000 in savings on fuel costs this year. PARTA's exhaust emissions have also been significantly reduced resulting in a more friendly environment for their riders.

Other fleet tests shown that the use of this Biobased Technology results in an average gain of 4.1% to 13.6% fuel efficiency depending upon the size and type of engine/equipment being used.

### Bio-Power™ Diesel Fuel Conditioner

"Solves Lubricity Problems With Ultra Low Sulfur Diesel Fuel"

- ◆ Improves Fuel Economy (4.1% to 13.6%) and horsepower (up to 5.6%)
- ◆ Reduces Exhaust Emission (up to 42% less black smoke)
- ◆ Provides approved EPA standards for world class "Premium Diesel" injector cleanliness, lubricity, and stability
- ◆ Improved drive ability, reduced combustion noise, longer component life, and reduced operating costs
- ◆ Less than \$ .01 to treat per gallon of fuel when purchased by the drum
- ◆ Bio-Power Diesel Fuel Conditioner EPA Reg. #214820001



### Bio-Heavy Duty Plus SAE 15W40 Engine Oil

- ◆ Test data shows Biobased oils in engine oil formulas can reduce emissions and improved fuel economy over conventional petroleum based oils.

### Bio-Hydraulic Fluids in Wheel Chair Lifts

- ◆ Improves performance, environmentally non-toxic, energy conserving, and biodegradable



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## Bio-Lubricant Product Line ● NEW PRODUCTS

*"Bio-based Lubricants that Perform Like Synthetics"*



### ● SECTION 2

Bio-Penetrating Lubricant™ (BPL™)  
Bio-Penetrating Lubricant (BPL) Plus Moly™  
Bio-Penetrating Lubricant (BPL) Plus Moly + Tack™  
Bio-Penetrating Lubricant (BPL) Plus Tack™  
Bio-Blast™ Penetrant (Low Surface Tension)  
Bio-Power™ Summer Diesel Cond.  
Bio-Power™ Winter Diesel Cond.  
Bio-Booster™ Cetane Improver  
Bio-Plus™ Injector Cleaner  
Bio-Valve Lube™  
Bio-Soy Orange™ All-Purpose Degreaser/Cleaner  
Bio-Parts Cleaner/Degreaser™ (Soy Based)  
Bio-Pro™ Bar & Chain (BPBC) Oils  
Bio-Synthetic TC™ -W3 2-Cycle Engine Oil  
Bio-Synthetic TC™ -W 2-Cycle Engine Oil

### ● SECTION 3

Bio-Ultimax™ 1000-2000 Hydraulic Fluids (ISO 32-68)  
Bio-Ultimax™ 1000 Hyd Fluid **Testing Navy**  
Bio-Ultimax™ Hydraulic Fluid AW 1000 SAE 10W40  
Bio-Ultimax™ 1200LT Hydraulic Fluids  
Bio-Ultimax™ 1500 Dielectric Hydraulic Fluids  
Bio-HVO™ Hydraulic Fluid (ISO 46, 68 FR)  
Bio-HVO2™ Hydraulic Fluid (ISO 46, 68 FR)  
Bio-STX™ Hydraulic Fluids ISO 68  
Bio-Hydraulic™ Fluids (ISO 32, 46, 68)  
Bio-MIL-PRF-32073 Hydraulic Fluid (ISO 15, 22, 32, 46, 68)  
Bio-AWAL™ Hydraulic Press Oils  
Bio-AW Turbine™ R & O Fluids  
Bio-Synthetic™ Trans-Hydraulic UTF  
Bio-Synthetic Hydrostatic™ (Low-Vis)  
Bio-Spindle™ Oil ISO 22  
Bio-Air Compressor™ Fluid  
Bio E.P. Gear Oils™ (ISO 46, 68, 100, 150, 220, 320, 460)  
Bio-E.P.™ 80W90 Gear Oil GL-4  
Bio-Gearhead™ Oils  
Bio-E.P.™ Press Oils  
Bio-Rock Drill™ Oils (10W20, 10W30, 15W50, 20W60)  
Bio-Air Tool™ Lubricants (ISO 22, 32)  
Bio-Drip™ Oils  
Bio-Vacuum Pump™ Oil







### ● SECTION 4 **BIO-SYNTHETIC™ ENGINE OILS on RLI WEBSITE**

Bio-Synthetic™ SHP Motor Oils (Racing)  
(SAE: 0W20, 5W30, 5W40, 10W40, 15W50, 20W60, 20W70)  
Bio-Synthetic™ SHP 2-Cycle Engine Oil (Racing)  
Bio-Synthetic™ Super High Performance Transmission Fluids  
(Racing) (SAE: 0W10, 5W20, 10W30)  
Bio-Synthetic™ SHP Gear Oils (RACING)  
(SAE: 75W, 80W, 80W90, 80W140)  
Bio-Synthetic™ ATF (Automatic Transmission Fluid)  
Bio-Chain & Cable™ Lubricants  
Bio-Saw Guide™ Oils  
Bio-Arctic™ Firearm Lubricant  
Bio-Corrosion Inhibitor (BCI)™ & Bio-Volatile Corrosion

### Inhibito(BVCI)™ Products:

Bio-Preservative™ Lubricant (Mil-PRF-3150D)  
Bio-Acid Fume™ Rust Preventative Fluids  
Bio-Water Emulsifiable™ Corrosion Inhibitor  
Bio-Volatile Corrosion Inhibitors™  
(BVCI Ultra Thin Film)™  
Bio-Concrete™ Mold Release Fluids (Soy Based)  
Bio-Penetrating Lubricant/Corrosion Inhibitor™  
(Fingerprint Removal Spec) (Mil-C-15074E)  
Bio-Cleaning Compound™ /Corrosion Inhibitor  
(Gun Bore Cleaner) (Mil-PRF-372D)  
Bio-Cleaner/Degreaser™ (plus Corrosion Protection) (Soy Based)  
Bio-Concrete™ Mold Release Fluids (Soy Based)  
Bio-Aluminum™ Cutting Oils  
Bio-Process™ Oils  
Bio-Shredder™ Machine Lubricant  
Bio-General Purpose™ Cut 30 & 40  
Bio-Syntra™, Bio-SynXtra™, Bio-SynXtra™ LV  
Bio-Syntra™ LM Cutting/Honing Oil  
Bio-Aluminum™ Cutting Oil  
Bio-Assembly™ Oils (ISO- 7-220)  
Bio-Heavy™ S Cut, Bio-Extreme™ Heavy S Cut™ MW/Machine Oil  
Bio-Heavy™ Duty Cutting Oil  
Bio-MultiPurpose™ Machining Oils ISO 32, 46, 68  
Bio-Metal Cool™ GP (Gen Purpose Water Emulsifiable Metal Working)  
Bio-Metal Cool™ HD (Heavy Duty Water Emulsifiable Metal Working)  
Bio-Mist™ EP Cutting Oil  
Bio-Slide Way™ Lubricants

### ● SECTION 5

 Bio-Penetrating Lubricant™ (BPL™) (Food Grade)  
 Bio-FG™ Hydraulic Fluid (Food Grade) (ISO 32,46,68,100)  
 Bio-Food Grade™ General Purpose Lubricant SAE 20  
(Release Agent and Replacement for White Oil) 3H, H1, H2  
● Bio-Parts Cleaner Degreaser™ H1  
 Bio-Food Grade™ Gear Oils (ISO 32-460)  
Bio-Food Grade™ Air Tool Lubricant (ISO 32)  
Bio-Food Grade™ GP Lubricants (ISO- 10-220)  
Bio-Aluminum™ Cutting Oil cSt 4 & 18 (Food Grade)  
 Bio-Extreme™ High Temperature Oven Lubricant  
● Bio-High Temperature™ Oven Lubricant (ISO 68-220)  
● Bio-Extreme™ High Temperature Drawing Paste  
(20% White Graphite)  
● Bio Food Grade™ HT Anti Seize Compound  
 Bio-Food Grade™ E.P. Grease NLGI # 2, #1, #0  
● RLI Heavy Synthetic Food Grade H1 HLGI 2 (High Temp)  
● Bio-High Temp™ 180™ E.P. Grease NLGI #2  
(Multipurpose Lithium Complex) (2NMW7)  
● Bio-Graphite™ E.P. Grease NLGI #1  
MaxxLife HT™ 220 High Temp MP Grease  
MaxxLife HT™ 600 High Temp HD Grease