



## Renewable Lubricants, Inc.

Distributed By: DM's Bio-Based Fluid Supply Inc.  
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### Bio-Arctic™ Firearm Lubricant



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

A specially formulated, ultimately biodegradable<sup>1</sup> light lubricant that was developed to lubricate in extreme subzero temperatures. A combination of Bio-based (vegetable) and synthetic base oils are formulated with the proper additive technology to lubricate into close tolerant areas and prevent corrosion. In addition, this lubricant can help clean and prevent deposits from forming that cause weapons to jam. This light lubricant has a pour point below -50°C (-75°F) and is designed specifically to perform in firearms but can find its way into many applications as a light general purpose lubricant or where cold temperatures lubrication is a problem. This product has exceptional benefits over petroleum oils in these applications because of its biodegradability when there is direct loss of the lubricant into the water, soil, or work environment.

#### Applications - Military - Industrial - Transportation - Marine - Agricultural

Tools	Sports Equipment	Bearings	Bolts
Jacks	Assembly Parts	Wire ropes	Chains
Dies	Shafts	Hinges	Electronics
Locks	Linkage Cables	Air Valves	Air Tools

#### Typical Data

Viscosity @40°C., cSt.	ASTM D-445	9.7
Flash Point, PMCC	ASTM D-93	340°F (171°C)
Pour Point (Rotational)	ASTM D-5985	-54°C
Copper Corrosion Prevention	ASTM D-130	1A
Rust Prevention	ASTM D-665	
Distilled Water		Pass-Clean
Synthetic Sea Water		Pass-Clean

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  
Patented Product: US Patent 6,383,992, US Patent 6,534,454 with additional Pending and Foreign Patents

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Availability      F.O.B. :Bolton, ON, Canada      8oz. Spray      1 Gallon      5 Gallon Pails      Drums      Bulk