



Renewable Lubricants, Inc.

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Bio-Arctic™ Firearm Lubricant



"Biobased Lubricants that Perform Like Synthetics"

A specially formulated, ultimately biodegradable¹ light lubricant that was developed to lubricate in extreme subzero temperatures. A combination of Biobased (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.

<u>Applications</u>	- 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.

¹ 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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<u>Availability</u>	<u>F.O.B. :Hartville, Ohio, USA</u>	<u>Quart</u>	<u>1 Gallon</u>	<u>5 Gallon Pail</u>	<u>Drum</u>	<u>Totes</u>	<u>Bulk</u>
RLI Product Item #		81901	81903	81904	81906	81907	81909