



Renewable Lubricants, Inc.

Distributed By: DM's Bio-Based Fluid Supply Inc.
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Bio-Blast™ Penetrant (Low Surface Tension)



"Bio-based Lubricants that Perform Like Synthetics"

A specially formulated, biodegradable, fast acting penetrant that blows away rust, dirt, and also the competition. Bio-Blast™'s patented composition of additives and bio-solvents provides a fast penetrating catalyst that is non-staining to ferrous and non-ferrous metals. Corroded nuts and bolts shutter at the thought of Bio-Blast™. Bio-Blast™ displaces moisture and provides a high dielectric (47 kV ASTM D-877) insulating property in electrical equipment. Bio-Blast™ contains **no** hazardous Volatile Organic Compounds (VOCs).

Bio-Blast™ is formulated to penetrate into close tolerances and prevent corrosion. This product performs with a fast capillary wetting action that reduces surface tension, freeing up frozen parts. Bio-Blast™'s ability to creep is demonstrated by placing a 3/8" x 2" bolt on its head with 1/4" of Bio-Blast™ in the bottom of a lab beaker; Bio-Blast™ creeps vertically up the threads. This low surface tension technology has safety advantages over the competition by providing a non-flammable, non-combustible product according to DOT flash points. This product has exceptional benefits over petroleum solvents in these applications because there is direct loss of the penetrant into the water, soil, or work environment.

The advantages are many: biodegradable¹, renewable, low toxicity, no hazardous VOCs, safer, OSHA and ISO 14000 compliant, reduces foreign oil and helps secure the American economy. EPA, OSHA and Workers acceptance are high with Bio-based Products.

Formulated to meet or exceed Federal Specification A-A-50493B (superseding V V-P-216).

Applications:

-Military	-Industrial	-Home	-Transportation	-Marine	-Agricultural
Tools		Car Parts	Electrical Equip	Bolts	
Jacks		Assembly Parts	Wire Ropes	Chains	
Dies		Shafts	Hinges	Firearms	
Locks		Linkage Cables	Head Studs	Fishing Reels	

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, US Patent 6,624,124, US Patent 6,620,772 with additional Pending and Foreign Patents

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.

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Availability F.O.B. :Bolton, ON, Canada 11oz. Spray Can 1 Gallon 5 Gallon Pail Drum Bulk