



Renewable Lubricants, Inc.

476 Griggy Rd., P.O. Box 474

Hartville, Ohio 44632-0474

Voice: 330.877.9982 Fax 330.877.2266

Web: www.renewablelube.com



Bio-Fleet Rock Drill™ Oils

"Biobased Lubricants that Perform Like Synthetics"

Bio-Fleet Rock Drill™ Oils are ultimately biodegradable¹ Stabilized* vegetable oil-based formulas with, rust and oxidation inhibitors as well as Antiwear and Extreme Pressure protection for the protection of pneumatic equipment. They are designed to emulsify water for improved lubricity in moist conditions and keep moisture from building up in equipment. These biobased products have exceptional benefits over petroleum-based lubricants because there is direct danger of polluting the air, water, soil, or work environment through the loss of the lubricant.

Bio-Fleet Rock Drill™ Oils meet the Environmental Protection Agency (EPA) 2013 Vessel General Permit (VGP) guidelines for Environmentally Acceptable Lubricants (EALs), and should be used where **LOW TOXICITY**, **BIODEGRADABILITY** and **NON-BIOACCUMULATION** properties are required. They exceed the acute toxicity (LC-50 / EC-50 >1000 ppm) criteria adopted by the US Fish and Wildlife Service and the US EPA. Bio-Fleet Rock Drill™ Oils are **ENVIRONMENTALLY RESPONSIBLE** lubricants that are formulated from renewable agricultural plant resources. We believe Earth's environmental future rests in the use of renewable material.

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

Typical Specifications

	ASTM	Medium
ISO Viscosity Grade		40
VISCOSITIES:	D-445	
@ 100°C., cSt.		7.55
@ 40°C., cSt.		37.1
Viscosity Index	D-2270	177
Flash Point, COC, °C	D-92	175
Pour Point, °C	D-97	-33
Copper Strip Corrosion (3h@100°C)	D-130	1A
4-Ball Wear (mm)	D-4172	0.45
4-Ball EP	D-2783	
Weld Point (kg)		210
Load Wear Index		
Timken Load, OK Load (lbs)	D-2782	
Rust Prevention	D-665	
A-Distilled water		Pass
B-Syn. Sea water		Pass

RLI Product Item

Applications

1. Excellent recommendation for rock drills, jackhammers, and other pneumatic tools

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. 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. :Hartville, Ohio, USA** **1 Gallon** **5 Gallon Pail** **Drum** **Totes** **Bulk**