

Bio-Fleet Rock Drill™ Oils

(ISO 40)

Biobased Pneumatic Tool Oils for Moist Environments

Bio-Fleet Rock Drill™ Oils are readily biodegradable, biosynthetic-blend lubricants specifically engineered for rock drills, jackhammers, and pneumatic tools operating in moist or harsh environments. Formulated with Stabilized™ HOBS (High Oleic Base Stocks) technology, these oils offer superior anti-wear, rust, and oxidation protection while emulsifying moisture to improve lubricity. Their exceptional environmental performance makes them a safer alternative to petroleum-based products, reducing the risk of contamination to air, water, soil, and workspaces.

Benefits

- Readily biodegradable, non-toxic, not bioaccumulative
- Provides superior lubrication in moist conditions
- Emulsifies water to prevent moisture buildup in equipment
- Enhanced wear, rust, and corrosion protection
- Excellent film strength and EP performance
- Free from chlorine, zinc, and heavy metals
- Compliant with EPA 2013 VGP as Environmentally Acceptable Lubricants (EALs)
- Exceeds LC-50 / EC-50 >1000 ppm aquatic toxicity criteria

Application / New Filling

- Recommended for use in:
 - Rock Drills
 - Jackhammers
 - Pneumatic tools and hammers
- For optimal performance, apply directly to pneumatic systems as per OEM specifications

Specifications and Approvals

- EPA VGP 2013 (EAL Compliant)
- OECD 301 Readily Biodegradable
- ASTM D-5864: Ultimate biodegradation (Pw1 within 28 days)
- Formulated with patented Stabilized™ HOBS for enhanced oxidative and thermal stability

STABILIZED™
Renewable Lubricants

ISOGREEN™
CERTIFIED 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

Availability

F.O.B. :Hartville, Ohio, USA 1 Gallon 5 Gallon Pail Drum Totes Bulk