

Rock Drill Oil

PRODUCT DESCRIPTION

Bel-Ray® Rock Drill Oil are a tacky, extreme-pressure (EP) lubricant specially developed for the lubrication of air-powered tools such as rock drills, jackhammers, pavement breakers and drifters. It also is recommended for the lubrication of mining and industrial equipment operating in wet environments. Bel-Ray Rock Drill Oils are formulated with high-quality base oils and a specially tailored additive package to provide excellent protection for pneumatic percussion tools. It has high load-carrying capacity to protect against wear and seizure of sliding metal surfaces under heavy or shock-load conditions. It has good adhesion to metal surfaces in the presence of moisture and provides protection against rust and corrosion. It also has good oxidation resistance and thermal stability at high temperatures for long service life.

PRODUCT FEATURES

- Excellent lubricant for air-operated tools such as jack hammers, pavement breakers, etc
- May be used in industrial machine shop applications including gear sets and can be used in both plain and anti-friction bearings
- Oxidation stability, extreme pressure characteristics, and high film strength all combine to provide excellent corrosion protection and shock load

BENEFITS

- Excellent extreme-pressure properties
- Good adhesion to metal surfaces in the presence of moisture
- Resists dripping and leakage
- Good oxidation resistance and thermal stability protect against rust and corrosion
- Low odor
- Good foam resistance

APPLICATIONS

- Pneumatic percussion tools such as jackhammers, pavement breakers and rock drills
- Mining equipment such as demolition hammers, chipping hammers and drifters
- Enclosed industrial gearboxes where leakage is a problem

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PRODUCT DATA

Typical Properties		
Property	Test Method	ISO 100
Density @ 15°C (g/mL)	ASTM D4052	0.8777
Viscosity @ 40°C (cSt)	ASTM D445	109.53
Viscosity @ 100°C (cSt)	ASTM D445	11.94
Viscosity Index	ASTM D2270	97
Pour Point, °C (°F)	ASTM D97	-24 (-11)
Flash Point, °C (°F)	ASTM D92	255 (492)

HEALTH and SAFETY

Health and safety recommendations for products can be found on the Safety Data Sheet (SDS) at www.belray.com

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