

SPX ROCK DRILL OIL

ADHESIVE, EXTREME PRESSURE AIR TOOL LUBRICANT

SPX Rock Drill Oil is an adhesive, extreme pressure (EP) lubricant specially developed for the lubrication of air-powered tools such as rock drills, jackhammers, pavement breakers, and drifters. It is also recommended for the lubrication of mining and industrial equipment operating in wet environments. SPX Rock Drill Oil provides excellent protection for pneumatic percussion tools. It has a high load carrying capacity to protect against wear and seizure of sliding metal surfaces under heavy or shock load conditions. The emulsion and metal surface adhesion properties allow a maintained lubricant film in the presence of moisture. The ashless, chlorine-free additive package helps reduce environmental impact in case of leaks or stray mist, and facilitates waste oil disposal.

Advantages

- Non-chlorinated additive package for reduced environmental impact
- Excellent extreme pressure properties
- Protects against wear and seizure
- Good adhesion to metal surfaces in the presence of moisture
- Resists dripping and leakage and low fogging tendency
- Good oxidation resistance and thermal stability
- 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



Industrial



Web: www.pilotthomas.com
Email: ptl.orders@pilotthomas.com
Tel: 844.785.8326



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TYPICAL PROPERTIES

ISO Grade	100	150
Specific Gravity @ 60°F	0.876	0.881
Density, lbs/gal @ 60°F	7.30	7.34
Color, ASTM D1500	2.5	3.0
Flash Point (COC), °C (°F)	222(432)	228(442)
Pour Point, °C (°F)	-27(-17)	-21(-6)
Viscosity		
cSt @ 40°C	100	150
cSt @ 100°C	12.3	15.7
SUS @ 100°F	518	784
SUS @ 210°F	68.8	82.6
Viscosity Index	115	108
Acid Number, ASTM D974, mg KOH/g	0.68	0.68
Falex EP Load, ASTM D3233, lbf	4,225	4,225
Four Ball Wear, ASTM D4172, Scar Diameter, mm	0.37	0.37
Four Ball EP, ASTM D2783, Weld Load, kgf	315	315
Rust Test, ASTM D665 A	Pass	Pass
Timken OK Load, ASTM D2782, lb	70	70

Minor variations in typical properties data are to be expected in normal manufacturing.

Health & Safety Information

For recommendations on safe handling and use of this product, please refer to the Safety Data Sheet (SDS).



Industrial

