PETROTM OIL

LUBENZ PETRO ROCK DRILL OILseries

High Performance Pneumatic Rock Drill & Tool oils

Product Data Sheet

Product Description

LUBENZ PETRO ROCK DRILL OIL series of lubricants are supreme performance Pneumatic Rock Drill & Tool oils, formulated with high quality base stocks fortified with sulfur-phosphorus additive system. They are designed to work efficiently in pneumatically operated rock drills in underground and surface mining operations. They offer optimum adhesiveness and emulsification with water to avoid adverse effects of rust and corrosion. Their excellent wear protection property helps in reducing component wear and maintains adequate lubrication film to carry high loads.

Features & Benefits

- High thermal & oxidation stability protects against deposit formation and oil thickening, especially in critical areas of air driven tools where elevated temperatures are found.
- Excellent wear protection and outstanding lubrication performance, especially in percussion tools including rock drills operating under severe conditions.
- Excellent corrosion protection even during severe water ingress, for longer component life.
- Compatible with hoses, seals and gaskets, leads to minimum leakage and reduced contamination.
- Excellent demulsifying properties, low foaming and good air release characteristics.

Applications

LUBENZ PETRO ROCK DRILL OIL oil series are suitable for use in Highway construction, Building construction and underground & surface mining operations.

- Oil mist lubrication systems and air tools.
- Gear and bearing lubrication applications where water ingress cannot be avoided.
- Percussion type Pneumatic tools, including those used for rock drills.

Typical Characteristics

LUBENZ PETRO ROCK DRILL OIL	Test Method	Units	68	100	150	220	320	460
ISO Viscosity Grade	ISO 3448	-	68	100	150	220	320	460
Density @ 15 ^{0}C	ASTM D 4052	gm/cc	0.880	0.887	0.894	0.898	0.900	0.905
Viscosity @ 40 ^{0}C	ASTM D 445	cSt	68.9	100.8	150.2	220.5	320.9	460.9
Viscosity @ 100 ^{0}C	ASTM D 445	cSt	8.76	11.17	14.62	18.85	24.10	30.54
Viscosity Index	ASTM D 2270	-	98	95	95	95	95	95
Pour Point	ASTM D 97	°C	-27	-24	-24	-21	-18	-12
Flash Point (COC)	ASTM D 92	°C	218	226	238	248	256	268
Copper Strip Corrosion	ASTM D 130	-	1B	1B	1B	1B	1B	1B
Rust Test-Proc B	ASTM D 665	-	Pass	Pass	Pass	Pass	Pass	Pass
Foam Seq I,II,III	ASTM D 892	ml/ml	0/0	0/0	0/0	0/0	0/0	0/0

The above figures are typical of blends with normal production tolerance and do not constitute a specification.