

ROCK DRILL OIL

PETROMIN ROCK DRILL OIL Series is heavy-duty oil formulated exclusively for lubrication of pneumatic rock drills in mining and construction operations. It is formulated from a combination of base stocks and special additives selected to provide improved performance in all types of pneumatic rock drills. All grades exhibit high film strength to minimize wear at low feed rates. Additionally, it contains additives, which effectively control emulsions, provide effective metal wetting properties, and excellent rust and corrosion protection of internal parts.

BENEFITS

- High film strength minimizes wear.
- Effective lubricity reduces friction.
- Effective lubrication in the presence of water.
- Efficient rust and corrosion protection.
- Minimum fog formation.
- Good thermal and oxidation stability.

APPLICATIONS

PETROMIN ROCK DRILL OIL Series is recommended for all pneumatically operated rock drills, particularly those requiring heavy duty oils, and including those in which the rotation of the drill is independent of the percussion mechanism, utilizing a separate hydraulic or pneumatic motor with reduction gearing for rotation. The oils may be applied by hand or integral oil reservoirs through air lines.



PRODUCT DATA SHEET

PRODUCT CHARACTERISTICS*

PROPERTIES	UNIT	VALUE				TEST METHOD
Classification	-	B	C	D	E	-
ISO Grade	-	100	150	220	320	DIN 51 511
Specific Gravity @ 15 °C	-	0.891	0.889	0.898	0.904	ASTM D-4052
Viscosity @ 40 °C	mm ² /s	100.0	150.0	220.0	320.0	ASTM D-445
Viscosity @ 100 °C	mm ² /s	11.43	14.9	18.8	24.2	ASTM D-445
Viscosity Index	-	101	98	96	96	ASTM D-2270
Flash Point, COC	°C	225	250	252	260	ASTM D-92
Pour Point	°C	-9	-9	-9	-9	ASTM D-97
Color	-	2.0	2.5	2.5	L 3.0	ASTM D-1500
Rust Test	-	Pass	Pass	Pass	Pass	-
Product Code		5490	5480	4440	4450	-

*The information and figures given here are typical of current production and conform to specification, minor variations may occur.

