

PRODUCT SPECIFICATIONS & TECHNICAL DATA

ROCK DRILL OILS

PETROFLO Rock Drill OilS are heavily compounded oils designed for the lubrication of pneumatic equipment exposed to excessive moisture or water spray. They are manufactured using premium quality mineral oils and special additive packages designed for heavy-duty rock drill applications. These additive systems employ excellent extreme pressure protection as well as rust and corrosion protection, tackiness, and antifoam properties.

PROPERTIES AND BENEFITS: With specifications of high quality and premium additive packages **PETROFLO Rock Drill OilS** provide good adhesion to metal surfaces in the presence of moisture, have excellent extreme-pressure properties and offer exceptional protection against wear, rust, corrosion, and foaming.

APPLICATION: **PETROFLO Rock Drill OilS** are recommended for and meet the general requirements of major manufactures of jack hammers, rock drills and other makes of pneumatic percussion equipment manufactured by Gardner-Denver, Ingersoll-Rand, and most others.

Typical Properties

ISO GRADE	32	46	68	100	150	220	320
Color,	1.5	1.5	2.0	2.5	3.0	3.5	4.0
Specific Gravity @ 60°F	0.865	0.870	0.875	0.880	0.885	0.889	0.893
Density, lbs/gal @ 60°F	7.20	7.25	7.29	7.33	7.37	7.40	7.44
Viscosity:							
cSt @40 °C	32.0	46.0	68.0	100	150	220	320
cSt @100 °C	5.7	7.2	9.3	12.3	15.7	20.2	25.2
SUS @100 °F	165	236	351	518	784	1,158	1,698
SUS @210 °F	45.3	50.3	57.6	68.8	82.6	102	125
Viscosity Index	119	117	114	115	108	106	102
Flash Point °C	198	215	218	222	228	234	243
Flash Point °F	-35	-35	-17	-17	-6	0	0
Pour Point °C	37	-37	-27	-27	-21	-18	-18
Pour Point °F	-35	-35	-17	-17	-6	0	0
Corrosion	1B	1B	1B	1B	1B	1B	1B
Timken EP Test, lbs.,	60	60	60	60	60	60	60
Falex Load Test, lbs.,	2,250	2,250	2,250	2,250	2,250	2,250	2,250
Steam Emulsion No.,	1200+	1200+	1200+	1200+	1200+	1200+	1200+

The above analyses are typical inspections only and the finished product may vary from batch to batch.