

ROCK DRILL OILS

ISO Grades 46, 68, 100, 150, 220, 320, 460, 680, 1000

Product Description

Rock Drill Oils are designed for extreme pressure lubrication capability in air-powered percussion equipment. The product is formulated to provide rust and corrosion protection as well as tackiness for lubricant adherence to critical tool surfaces. The lubricants' tac/clinging characteristics maintain a preferred durable oil film on the metal surface rather than potential moisture, commonly present in compressed air equipment. This quality lubricant will withstand heat and friction, minimize wear, and enhance pneumatic tool durability. The wide viscosity of applications and an extended spread of operating temperatures contribute to increased equipment flexibility and performance.

Applications

Recommended for oil-lubricated, high impact, pneumatic tools and machines, i.e. rock drills, jackhammers, drifters, wagon drills, chipper's, tampers, riveters, pavement breakers and other devices operating at a range in temperatures under moist or dry conditions. ISO Grade 1000 is extremely viscous and appropriate preparations for handling and pumping should be noted.

Typical Properties

Property	ISO 46	ISO 68	ISO 100	ISO 150	ISO 220	ISO 320	ISO 460	ISO 680	ISO 1000
Viscosity, cSt @ 40°C	45	68	104	150	216	300	450	670	975
Viscosity, cSt @ 100°C	6.6	8.6	11.4	14.5	17.9	22.1	27.7	35.5	43.0
Viscosity Index	97	97	95	95	90	90	85	85	80
Flash Point, COC (°F)	350	360	375	400	430	460	470	485	500
Pour Point, °F	-20	-15	-10	+5	+10	+15	+20	+25	+25
Gravity, API @ 60°F	29.0	28.5	28.0	27.5	27.0	26.5	-	-	-
Recommended Operating Range, °F	-20/40	0/50	40/80	75/100	+75	+75	+75	+75	+75
Consistency	stringy	stringy	stringy	stringy	stringy	stringy	stringy	stringy	stringy

*The values shown are typical of current production. Some are controlled in the manufacturing process while others are not. All of them may vary within tolerable ranges.