

Product Data Sheet



HB-1057d ROCK DRILL OILS

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

DESCRIPTION:

HB-1057d ROCK DRILL OILS are designed for extreme pressure lubrication capability in air-powered percussion equipment. This product is formulated to provide rust and corrosion protection as well as tackiness for lubricant adherence to critical tool surfaces. These lubricants tack/clinging characteristics maintain a preferred durable oil film on the metal surface rather than potential moisture, commonly present in compressed air equipment. This product 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/performance.

APPLICATIONS:

HB-1057d ROCK DRILL OILS are recommended for all makes of oil-lubricated, high impact, pneumatic tools and machines, i.e. rock drills, jackhammers, drifters, wagon drills, chippers, 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.

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TYPICAL PROPERTIES

ISO Grade	46	68	100	150	220	320	460	680	1000
Viscosity , cSt At 40 C	45	68	104	150	216	300	450	670	975
At 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) Deg F	350	360	375	400	430	460	470	485	500
Pour Point, Deg 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	-	-	-
Rec. Operating Range, F	-20/40	0/50	40/80	75/100	+75	+75	+75	+75	+75
Consistency	-----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.

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