

ROCK DRILL OILS

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

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	6.2	7.8	9.7	11.7	18.2	19.0	21.8	27.4	34.0
Viscosity, SUS									
AT 100 F	227	356	560	803	1140	1624	2419	3100	4500
At 210 F	48	53	62	67	84	96	110	136	167
Viscosity Index	75	70	60	50	40	40	40	40	40
Flash Point, (COC) Deg F	350	360	375	400	430	460	470	485	500
Pour Point, Deg F	-20	-15	-05	+5	+10	+15	+20	+25	+25
Gravity, API @ 60 F	25.5	24.5	24.0	23.5	23	22	-	-	-
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.

Designed for extreme pressure capability in percussion rock drill equipment. The product is formulated to provide rust and corrosion protection as well as tackiness for lubricant adherence to critical surfaces. This emulsification-tackiness tendency provides a durable oil film that will not be washed off by moisture that is commonly present in compressed air equipment. This quality lubricant will withstand heat and friction that will minimize wear and extend pneumatic hammer life. The wide viscosity range provides the customer with maximum flexibility to meet all operating conditions.

APPLICATIONS

Recommended for all makes of 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.