DURALIFE® ROCK DRILL OILS

DURALIFE® ROCK DRILL OILS are premium quality adhesive, anti-wear, extreme-pressure, emulsifiable lubricants specially developed for internal lubrication for oil lubricated pneumatic equipment as well as for other air operated percussion tools to protect against wear and seizure of sliding metal surfaces under heavy or shock-load conditions. They form a wash-off resistant lubricant coating that protects against wear and the corrosive effects of wet environments even during high speed and high temperature operating conditions.

APPLICATIONS:

DURALIFE® ROCK DRILL OILS are recommended for Pneumatic equipment such as rock drills, jack hammers, drifters, pile drivers, chippers, sinkers, pavement breakers, riveters, stoppers and other air operated percussion tools and pneumatic equipment used in underground, surface mining, contractor and other industrial applications.They also are recommended for Slideways on machine tools such as boring machines, grinders, milling machines and planers**.**

BENEFITS:

- Superior antirust, anti-wear and EP properties.
- Good adhesiveness to metal surfaces in the presence of moisture
- Good oxidation resistance and thermal, chemical stability
- Excellent water emulsification property provides adequate lubrication even in presence of water
- Longer pneumatic equipment & percussion tool life

TYPICAL CHARACTERISTICS:

Test	Method	RD 32	RD 46	RD 68	RD 100	RD 150
API Gravity	ASTM D287	33.03	32.08	31.14	29.29	27.49
Specific Gravity @ 15.6ºC (60ºF)	ASTM D1298	0.860	0.865	0.870	0.880	0.890
Viscosity @ 40ºC, cSt	ASTM D445	32	46	68	100	150
Viscosity Index	ASTM D2270	115	110	105	110	105
Flash Point,COC, ºC (ºF)	ASTM D92	190 (374)	210 (410)	220 (428)	220 (428)	225 (437)
Pour Point, ºC (ºF)	ASTM D97	-35 (-31)	-33 (-27.4)	-27 (-16.6)	-27 (-16.6)	-21 (6)
Falex EP Load, lbf	ASTM D3233	>2200	>2200	>2200	>2200	>2200
Rust Test	ASTM D665 A	Pass	Pass	Pass	Pass	Pass
Foam Test Seq 1, ml	ASTM D892	0/0	0/0	0/0	0/0	0/0
Timken OK Load , lb	ASTM D2782	60	60	60	60	60

Test	Method	RD 220	RD 320	RD 460	RD 680
API Gravity	ASTM D287	26.25	23.14	21.47	20.65
Specific Gravity @ 15.6ºC (60ºF)	ASTM D1298	0.897	0.915	0.925	0.930
Viscosity @ 40ºC, cSt	ASTM D445	220	320	460	680
Viscosity Index	ASTM D2270	100	100	95	95
Flash Point, ºC (ºF)	ASTM D92	232 (449.6)	250 (482)	270 (518)	260 (500)
Pour Point, ºC (ºF)	ASTM D97	-15 (5)	-12 (10.4)	-9 (15.8)	-6 (21.2)
Falex EP Load, lbf	ASTM D3233	>2200	>2200	>2200	>2200
Rust Test	ASTM D665 A	Pass	Pass	Pass	Pass
Foam Test Seq 1, ml	ASTM D 892	0/0	0/0	0/0	0/0
Timken OK Load , lb	ASTM D 2782	60	60	60	60

The above characteristics are average values based on recent production .Minor variations which do not affect product performance are to be expected in normal manufacture.

WARNING:

Continuous contact with used oil has caused skin cancer in animal tests. Avoid prolonged contact. Thoroughly wash exposed areas with soap and water. Keep out of reach of children. Don't pollute. Conserve resources. Return used oil and bottle to collection centers

*Reference SDS Number 12102 database on our website at **www.amtecol.com** OR scan the code for a direct link*