



Rock Drill Oil

Conoco Rock Drill Oil is a high-quality, heavy-duty, extreme-pressure pneumatic tool lubricant formulated with hydro-cracked base stocks and proprietary additive chemistry. It is recommended for use in a variety of pneumatic tool applications which require extreme-pressure properties for protection of equipment under high-load conditions, tackiness for good adhesion to working surfaces, good atomization with low-fogging tendencies and excellent low-temperature fluidity.

Applications

Rock Drill Oil is specifically formulated for use in surface-mining equipment, high- and low-speed drills, jackhammers, paving breakers, vacuum pumps, track-type air drills and other similar applications.

Rock Drill Oil is available in seven viscosity grades, ISO 32-320, to meet the needs of most applications and operating conditions. Rock Drill Oil exceeds the lubricant specifications for Ingersoll-Rand and Gardner-Denver drilling equipment.

Outstanding Features

- Extended tool life – excellent EP properties and wear protection
- Good atomization in the presence of compressed air
- Enhanced tackiness for good adhesion to working surfaces
- Excellent low-temperature pumpability
- Excellent rust and corrosion protection
- Excellent oxidation stability

**Extreme-Pressure
Pneumatic Tool
Lubricant**

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Rock Drill Oil
Typical Properties

ISO Grade	32	46	68	100	150	220	320
Viscosity,							
cSt @ 40°C	31	46	70	108	155	226	323
cSt @ 100°C	5.6	7.1	9.3	12.3	15.2	19.5	25.2
SUS @ 100°F	159	238	362	562	814	1195	1750
SUS @ 210°F	45	50	58	69	81	99	125
Viscosity Index	120	110	110	105	100	100	100
Pour Point,							
(°F)	-35	-35	-13	-13	-6	+3	+10
(°C)	199	215	220	220	227	235	250
Flash Point,							
(°F)	390	419	498	498	441	455	482
(°C)	-37	-37	-25	-25	-21	-16	-12
ASTM Color	1.0	1.0	3.0	3.5	4.5	5	5.5
Density (lb/gal)	7.20	7.25	7.27	7.34	7.38	7.40	7.44
Falex Pin & Vee Load Test (lb)	2000	2000	2000	2500	2500	2500	2500
Timken OK Load, lb	30	30	30	60	60	60	60

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