

TECHNICAL DATA SHEETS

Cemoil Rock Drill

Cemoil Rock Drill Oils are an adhesive, extreme-pressure (EP) lubricant specially developed for the lubrication of air-powered tools such as rock drills, jackhammers, pavement breakers and drifters. It also is recommended for the lubrication of mining and industrial equipment operating in wet environments. Cemoil Rockdrill Oils are formulated with high-quality paraffinic base oils and a specially tailored additive package to provide excellent protection for pneumatic percussion tools. It has high load-carrying capacity to protect against wear and seizure of sliding metal surfaces under heavy or shock-load conditions. It has good adhesion to metal surfaces in the presence of moisture, and provides protection against rust and corrosion. It also has good oxidation resistance and thermal stability at high temperatures for long service life.

EQUIPMENT BENEFITS

- Excellent extreme-pressure properties
- Good adhesion to metal surfaces in the presence of moisture
- Resists dripping and leakage
- Good oxidation resistance and thermal stability protect against rust and corrosion
- Low odor
- Good foam resistance
- Seven viscosity grades for use over a wide range of temperatures

PRODUCT FEATURES

- Excellent lubricant for air-operated tools such as jack hammers, pavement breakers, etc
- May be used in industrial machine ship application including gear sets and can be used in both plain and anti-friction bearings
- Oxidation stability, extreme pressure characteristics, and high film strength all combine to provide excellent corrosion protection and shock load

APPLICATIONS

- Pneumatic percussion tools such as jackhammers, pavement breakers and rock drills
- Mining equipment such as demolition hammers, chipping hammers and drifters
- Enclosed industrial gearboxes where leakage is a problem

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Minor variations in typical physical properties may occur from normal manufacturing processes

Property	Test Method	46	68	100	150	220	320
Density@15°C,g/cc 3	ASTM D4052	.8725	.9037	.9148	.9124	.9095	.9008
API GRAVITY @ 60°F	ASTM D4052	30.64	25.0	23.13	23.52	24.0	25.48
Vis @ 40°C, cSt	ASTM D445	46	68	100	150	220	320
Vis @ 100°C, cSt	ASTM D445	6.9	7.9	9.4	11.8	15.2	21.0
Viscosity Index	ASTM D2270	105	76	58	51	56	75
Flash Point, °C(F)	ASTM D93		166(331)	176(348)	1417(243)		185(365)
Pour Point, °C(F)	ASTM D97	-33	-30(-22)	-33(-27)	-33(-27)	-27(-27)	-17(-1)
Zinc, wt%	ASTM D6481	.003	.005	.005	.005	.003	.003
Pounds per Gallon	ASTM D1250	7.269	7.529	7.622	7.602	7.578	7.505