



# ROCK DRILL OILS

*Sinclair Rock Drill Oils are designed to provide outstanding protection to percussion rock drills. Formulated with highly refined, high viscosity index, paraffinic base stocks and additives, Sinclair Rock Drill Oils provide all of the performance characteristics expected of superior rock drill oil, including excellent rust and corrosion protection.*



## RECOMMENDED USES

- Sinclair Rock Drill Oils are excellent products for all air-operated tools, such as jackhammers, drifters, etc.
- The additive package of these oils provides many performance characteristics, which lend themselves well to the lubrication of enclosed gears, and all types of industrial plain and anti-friction bearings.
- Their tacky quality makes these oils suitable for once-through applications such as lubrication of chain drives.

## BENEFITS

- Long equipment life; extreme pressure performance withstands heavy shock loads typical of rock drill service, protecting the equipment against premature wear.
- Warranty protection; meets manufacturers specifications and provides assurance of meeting OEM warranty service requirements.
- Protection in wet environments: resists being washed away by trace water in the compressed air. Antirust performance protects critical parts from the corrosive action of wet environments.

## IMPORTANT CHARACTERISTICS

The Sinclair Rock Drill Oils meet the performance requirements of many rock drill manufacturers, such as Ingersoll-Rand, Gardner-Denver, Sullivan etc.

Sinclair Rock Drill Oils ISO 32, 46, 68, 100 & 120 meet all the specifications of Ingersoll-Rand and Sullivan for light and medium rock drill oils.

Sinclair Rock Drill Oils are formulated to meet the critical lubrication demands of percussion rock drills. Their superior extreme pressure performance provides protection for the rock drill piston, rifle bar and nut against the heavy shock loads typical of rock drill service. The adhesiveness and emulsion tendency of these oils provide a superior lubricant film on the drill's moving parts, which cannot be washed off by incidental water that is common in the compressed air, which drives the piston.



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## TYPICAL PHYSICAL PROPERTIES

Viscosity Grade	METHOD	TYPICAL RESULTS		
		Rock Drill ISO 32	Rock Drill ISO 68	Rock Drill ISO 100
Gravity, °API	ASTM D287	32.37	30.6405	29.5
Specific Gravity @ 60°F (15.6°C)	ASTM D4052	0.8635	0.8727	0.8789
Viscosity @ 40°C cSt	ASTM D445	32.37	68	102.5
Viscosity @ 100°C cSt	ASTM D445	5.65	8.94	12.23
Viscosity Index	ASTM D2270	113	105	111
Color	ASTM D1500	0.5	0.5	3
Phosphorus, wt. %	ASTM D5185	0.013	0.013	0.013
Sulfur, wt. %	ASTM D4951	0.336	0.336	0.336

Description	Pack Size	Part #	Each UPC	Case UPC	Case Dimensions	Case Cube / Pallet Cube	Case Weight / Pallet Weight	Pallet Stack
Rock Drill Oil ISO 32	5 Gallon	860-008	0 14168-01649 0	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	40.444 / 1689.034	42 Eaches (3 layers of 14)
Rock Drill Oil ISO 32	55 Gallon	860-003	0 14168-01715 2	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	427.535 / 1710.139	4 Drums
Rock Drill Oil ISO 68	55 Gallon	857-003	0 14168-01717 6	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	429.596 / 1718.384	4 Drums
Rock Drill Oil ISO 100	5 Gallon	864-008	0 14168-01652 0	N/A	L 12.500 x W 12.500 x H 15.500	1.402 / 60.083	40.877 / 1716.842	42 Eaches (3 layers of 14)
Rock Drill Oil ISO 100	55 Gallon	864-003	0 14168-01718 3	N/A	L 23.000 x W 23.000 x H 35.000	10.715 / 44.444	434.085 / 1736.340	4 Drums

