

Product Data Sheet

Rocat

Description and Applications

Saheli Rocat series are premium quality oils specially developed for the lubrication of pneumatically operated rock drills and other air operated percussion tools. These oils are blended from high quality mineral oils and unique combination of superior film strength, tackiness and anti-wear additives.

Saheli Rocat provides excellent chemical stability and protection against wear, rust and corrosion.

Saheli Rocat has good adhesiveness and preferential metal wetting properties that maintain continuous oil film even in presence of water and thereby reduce the negative effects of water, condensed from moisture carried along with the air stream, on wear and corrosion.

The combination of these properties along with superior EP characteristics help in providing excellent lubrication leading to long component life.

Saheli Rocat is available in five ISO viscosity grades viz. **ISO VG 46, 100, 150, 220 and 320.**

Features and Benefits

- Excellent load carrying capacity and anti-wear protection reduce component wear and prolong equipment life.
- Good chemical stability minimizes sludge and deposit formation.
- Superior metal wetting properties and adhesiveness help adhesion to metal surfaces and protect them from corrosion.
- Excellent water emulsification property provides adequate lubrication even in presence of water.

Applications

- Pneumatically operated rock drills in underground/surface mining operations and quarry operations.
- Pneumatically operated drills and jack hammers in construction of roads and buildings.
- Wide variety of heavy-duty pneumatically operated equipment.
- Percussion and rotary air-operated tools in industrial operations.
- Pneumatic equipment of Gardner Denver, Chicago Pneumatic, Ingersoll-Rand and other manufacturers.

Test Parameters	Test Method	Typical Results				
		46	100	150	220	320
ISO VG						
Density @ 15°C gm/cm ³	ASTM D1298	0.877	0.886	0.893	0.898	0.901
Viscosity Index	ASTM D2270	104	98	96	96	95
Viscosity @ 40°C (cSt)	ASTM D 445	46.5	100.8	151.1	220.5	318.8
Pour Point °C	ASTM D 97	-18	-12	-9	-9	-6
Flash Point (COC) °C	ASTM D 92	206	230	242	256	266
Rust Test	ASTM D 665A/B	Pass	Pass	Pass	Pass	Pass
Tackiness		Yes	Yes	Yes	Yes	Yes
Demulsify, 54°C Oil-Water Emulsion, ml (60minutes)	ASTM D 1401	0-0-80	0-0-80	0-0-80	0-0-80	0-0-80

The information contained in this data sheet are indicative and correspond to the date of publication of this document. The above data are based on laboratory tests. It is the reader's interest to ensure whether the most recent version of the data sheet. A safety data sheet is available on request by our sales consultant. For more information, please contact the sales department.