

MAK SCREWCOM

Description

MAK SCREWCOM is premium quality oil developed for the lubrication of screw air compressors. It is formulated with high quality severely hydrotreated mineral base oils and carefully chosen balanced additive system to deliver excellent oxidation & thermal resistance, exceptional equipment protection and reliability for screw compressors operating under severe conditions. Special additive technology enables it to achieve higher drain intervals depending on application and operational conditions.

Application

MAK SCREWCOM is recommended oil flooded or oil injected, single or two-stage screw compressors powered by Electricity or Diesel.

Benefits

- Excellent anti-wear & higher load carrying capacity of product protects the system components against wear, prolongs their life and reduces the equipment maintenance.
- Outstanding oxidation and thermal stability reduces the deposit formation on rotating components helps in extending the oil change interval and filter life.
- Excellent water separation characteristics ensure condensed water separation faster from the system.
- Prevents rust and corrosion of internal compressor components when operating under high humid ambient conditions.

Performance Level

- Proprietary grade

Technical Specifications

Characteristics	Test method	MAK SCREWCOM 46	MAK SCREWCOM 68
Appearance	Visual	Clear & Bright	Clear & Bright
Density @29.5°C, Kg/m ³	ASTM D1298	0.845	0.850
Kinematic Viscosity @40°C, cSt	ASTM D 445	46.2	68.5
Kinematic Viscosity @100°C, cSt	ASTM D 445	7.15	9.35
Viscosity Index	ASTM D 2270	114	114
Flash point, °C	ASTM D 92	234	246
Pour point, °C	ASTM D 97	-18	-18
Copper corrosion test, 3hrs, 100°C	ASTM D 130	1a	1a
Rust preventive characteristics	ASTM D 665	Pass	Pass
Foaming, (Tendency/ Stability), ml/ml	ASTM D 892		
Sequence I		10/0	10/0
Sequence II		0/0	0/0
Sequence III		10/0	10/0

All the mentioned values are typical which may vary from batch to batch.

Storage and Handling

- Indoor Storage is always preferable
- Barrels should be kept horizontally with bunk position at 3 O'clock 9 O'clock position
- Barrels should be kept away from dusty or heated areas.
- During handling any contact with dust must be avoided.

Health and Safety

These oils are not hazardous under normal conditions of use. For further guidance appropriate Material Safety Data Sheet (MSDS) may be referred.

Advice

For any further advice on applications or otherwise please contact the nearest Bharat Petroleum Territory Office or Technical Services Department at the address given below.

Bharat Petroleum Corporation Ltd.

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