



COMPRESSOR OIL

PSO Compressor Oil series, is meticulously developed with super-refined premium quality hydro-treated base oils and high performing ash-less sulphur-phosphorous additive technology. This ensures trouble-free performance in Reciprocating and Rotary Screw Type Air Compressors.

Benefits

- Superior performance in various applications.
- Extends oil life with excellent oxidation stability.
- Protects equipment components from rust and wear, especially during intermittent operational conditions.
- Provides outstanding extreme pressure properties.
- Exhibits superior demulsibility and anti-foam characteristics.

Applications

- PSO Compressor Oil meets the requirements of major compressor manufacturers.
- Applicable to single and multi-stage reciprocating compressors having maximum air discharge temperature of 220°C.
- Suitable for Rotary Sliding Vane and Screw Type Air Compressors operating at 20 bar with a discharge temperature of 100 °C.
- Ideal for compressors where OEM specified ash-less anti-wear, rust, and oxidation inhibitor type lubricant is recommended.

Performance Standards

- DIN 51506 VD-L
- ISO 6743-3 DAA, DAB, DAG, DAH

Typical Characteristics*

PROPERTIES	METHODS	TYPICAL RESULTS				
ISO VG		46	68	100	150	220
Density @ 15 °C, kg/L	ASTM D-4052	0.8669	0.8759	0.8769	0.8777	0.8781
K. Viscosity @ 40°C, cSt	ASTM D-445	46.3	68.2	99.5	150.3	219.3
K. Viscosity @ 100°C, cSt	ASTM D-445	6.86	8.84	11.71	14.84	19.48
Viscosity Index	ASTM D-2270	105	101	104	101	100
Flash Point (COC), °C	ASTM D-92	230	236	238	236	232
Pour Point, °C	ASTM D-97	-15	-15	-15	-15	-15
Demulsibility @ 54°C	ASTM D-1401	40-38-2-(30)	40-38-2-(30)	40-38-2-(30)	40-38-2-(30)	40-38-2-(30)

*These typical characteristics mentioned are based on current mean values.

Based on available information, this product does not contain any component that may produce any significant hazard to health when used for the recommended application. Guidelines for health and safety are available in Material Safety Data Sheet of the product. Dispose of used oil, containers, cartons labels in an environment friendly manner. Do not discharge used oil into drain, soil or water. Advice on application not covered in this leaflet, may be obtained from lubricants.technical@psopk.com