



COMPRESSOR OIL

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

Benefits

- Superior performance in multiple applications.
- Excellent oxidation stability to give longer oil life.
- Excellent film strength protects the equipment component from rust and wear particularly during intermittent operational conditions.
- Outstanding extreme pressure properties.
- Superior demulsibility and anti-foam characteristics.

Applications

- PSO Compressor Oil meets the requirement of major compressor manufacturers.
- Applicable to single and multi-stage reciprocating compressors having maximum air discharge temperature 220°C.
- Suitable for Rotary Sliding Vane & Screw Type Air Compressors working at 20 bar & discharge temperature 100°C.
- Suitable for compressor 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				
		46	68	100	150	220
Density @ 15 °C, kg/L	ASTM D-1298	0.8625	0.8631	0.8713	0.8705	0.8720
K. Viscosity @ 40°C, cSt	ASTM D-445	46	68	100	150	220
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	222	236	240	244	244
Pour Point, °C	ASTM D-97	-18	-18	-24	-15	-15
Demulsibility @ 54 °C	ASTM D-1401	40-40-0(20)	40-40-0(20)	40-40-0(20)	40-40-0(25)	40-40-0(25)

*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