



PRODUCT DESCRIPTION

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.

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 STANDARD

Superior additive technology used in the formulation of PSO Compressor Oil endorses the following performance standard:

- DIN 51506 VD-L

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.

PRODUCT CHARACTERISTICS*

PROPERTIES	METHOD	TYPICAL RESULTS				
		VG 46	VG 68	VG 100	VG 150	VG 220
Density Kg/L@15 °C, Kg/liter	ASTM D-4052	0.8625	0.8631	0.8713	0.8705	0.8720
Kinematic Viscosity @ 40 ° C, cSt	ASTM D-445	46	68	100	150	220
Kinematic Viscosity @ 100 ° C, cSt	ASTM D-445	6.86	8.84	11.7	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
Ash, Sulphated % wt.	ASTM D-874	Nil	Nil	Nil	Nil	Nil
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.



HEALTH & SAFETY

Guidelines for health, safety and handling are available in Material Safety Data Sheet of the product which can be obtained from PSO representative.



ENVIRONMENT PROTECTION

Take used oil to an authorized collection point. Do not discharge into drains, soil or water.



ADVICE

Advice on application not covered in this leaflet, may be obtained from PSO representative.