

DESCRIPTION

Shield Compressor Oils POE are specially developed compressor oils to provide satisfactory lubrication under high temperature and load conditions. These oils are blended from high quality synthetic ester base oils incorporating selected anti-oxidant, anti-rust and anti-foam additives.

FEATURES

-  Very long service life.
-  Excellent demulsibility characteristics.
-  Outstanding rust and corrosion control.
-  Excellent thermal and oxidation stability.
-  Excellent filterability and air release properties.
-  Effective anti-foam properties to resist foam build-up.

PERFORMANCE LEVELS:

- DIN 51506 VD-L GROUP
- ISO DIS-6521

APPLICATIONS:

Shield Compressor Oils POE are recommended for rotary screw and reciprocating air compressors and ideal for applications which require extended operating intervals. These oils can be used up to 220°C air discharge temperature.

TYPICAL PHYSICAL PROPERTIES

SL#	Unit Characteristics	Test Method	ISO Grades					
			22	32	46	68	100	150
1	Viscosity @ 40°C, cSt	ASTM D 445	22	32	46	68	100	150
2	Viscosity Index	ASTM D 2270	164	163	163	163	162	162
3	Flash Point COC °C	ASTM D 92	260	260	260	260	260	270
4	Pour Point, OC	ASTM D 97	-50	-50	-40	-38	-35	-30
5	Color	ASTM D 1500	L0.5	L0.5	L0.5	L0.5	L0.5	L0.5
6	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B	C & B	C & B
7	Demulsibility Test	ASTM D 1401	Pass	Pass	Pass	Pass	Pass	Pass

* Exact specifications may slightly vary from the above, but remain within the international standards