

SHIELD COMPRESSOR OILS FULLY SYNTHETIC

DESCRIPTION

Shield Compressor Oils Fully Synthetic are specially developed to provide satisfactory lubrication under high temperature and load conditions. These oils are blended from premium quality synthetic 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 Fully Synthetic are recommended for rotary screw compressors, reciprocating air compressors, centrifugal compressors and rotary lobe compressors.

TYPICAL PHYSICAL PROPERTIES

SL#	Unit Characteristics	Test Method	ISO Grades				
			32	46	68	100	150
1	Viscosity @ 40°C, cSt	ASTM D 445	32	46	68	100	150
2	Viscosity Index	ASTM D 2270	160	160	140	140	140
3	Flash Point COC, °C	ASTM D 92	220	220	230	250	260
4	Pour Point COC, °C	ASTM D 97	-42	-38	-35	-33	-33
5	Color	ASTM D 1500	L1.5	L1.5	L2.0	L2.5	L2.5
6	Appearance	ASTM D 4176	C & B	C & B	C & B	C & B	C & B
7	Demulsibility Test	ASTM D 1401	Pass	Pass	Pass	Pass	Pass

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