

PRODUCT DATA SHEET

COMPRESSOR OIL

DESCRIPTION:

FX COMPRESS OIL is premium quality high viscosity compressor oil made out of highly refined paraffinic base oils and high performance additives to provide outstanding lubrication in a variety of rotary and reciprocating air compressors and to perform well in harsh conditions. This product has outstanding lubricating characteristics with anti-wear properties, excellent oxidation stability and high FZG rating.

APPLICATION:

FX COMPRESS OIL 68 is extensively used in rotary vane and screw compressor. For high speed and moderate pressure, recommended the ISO VG 68 or 100 Viscosity oil. ISO VG 150 and 220 are well suited for high pressure and temperature applications and are effective in lubrication of reciprocating compressor cylinder as well as crankcases and some type of rotary compressor. It can be used in Vacuum pumps and as R&O lubricants in other industrial oil applications.

PRODUCT BENEFITS:

- Provides long service life.
- High oxidation stability and good filterability tend to avoid reduction of hydro-carbon molecule of oil which result in maintain viscosity and filter out easily.
- The outstanding anti-wear and corrosion protection are designed to enhance equipment life, while reducing maintenance requirements.
- High viscosity index sustain oil layers at wide range of temperature condition.

PERFORMANCE STANDARD:

It meets air compressor oil specifications DIN 51506, and IS: 3098 standards.

Last update: 1st July, 2018

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TYPICAL CHARACTERISTICS:

PRODUCT TYPICAL	TEST METHODS	UNITS	TYPICAL CHEMICAL ANALYSIS			
SAE Grade			68	100	150	220
Kin. Viscosity @ 40°C,	ASTM D 445	cST	62 - 74	90 - 110	135 - 165	198 - 240
Viscosity Index, min.	ASTM D 2270	-	90	90	90	90
Flash Point, min.	ASTM D 92	°C	200	200	200	220
Pour Point, max.	ASTM D 97	°C	- 6	- 6	- 6	- 3
Timken OK Load Kg. – min.		Kg	60	60	60	60
FZG Rig Test, failure Load Stage, min.		-	9	9	9	9
Rust Protection	ASTM D 665	-	Pass	Pass	Pass	Pass
Copper Strip Corrosion @ 100 °C for 3 Hrs. max.	ASTM D 130	-	1a	1a	1a	1a

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