



## *Sasol Screw Compressor Oil Synthetic 46/68*

### *SYNTHETIC COMPRESSOR OIL, GRADE 46/68*

#### *Description*

Sasol Screw Compressor Oil Synthetic 46/68 is PAO-based compressor lubricant that was designed to provide long-term lubrication of both rotary-vane and oil-flooded screw compressors.

#### *Application*

- Sasol Screw Compressor Oil Synthetic 46/68 is recommended for use in compressors such as:
- Oil flooded rotary screw compressors
- Oil flooded rotary vane compressors
- Reciprocating compressors

Nominal operating range for Sasol Screw Compressor Oil Synthetic 46/68 is -40°C to 205°C.

#### *Features and Benefits*

- Fewer oil changes for reduced maintenance
- Compatible with compressor seals, gaskets, hoses, and air system components
- Resistance to oxidation with reduced compressor varnish and deposits
- Greatly reduces fire and explosion hazard
- Longer service life and greater protection of compressor components
- Lower oil consumption

#### *Product Specifications*

Tested and approved by Knorr-Bremse AG (Knorr Brake Corporation).



### Typical Characteristics

Property	Units	46/68	ASTM	IP
			ASTM D2422	
Viscosity			D445	71
@ 100°C	mm <sup>2</sup> /s	<b>8.13</b>		
@ 40°C	mm <sup>2</sup> /s	<b>55.3</b>		
@ -25	mm <sup>2</sup> /s	<b>3672</b>		
Viscosity Index		<b>116</b>	D2270	226
Humidity	%	<b>0.02</b>	D1744	313
Total Acid Number	mgKOH/g	<b>0.05</b>	D664	
Pour Point	°C	<b>-66</b>	D97	15
Flash Point (COC)	°C	<b>260</b>	D92	36
Demulsibility @ 54°C oil/water/emulsion (min)	ml	<b>40/38/2(15)</b>	D1401	
Density @ 15°C	kg/m <sup>3</sup>	<b>0.864</b>	D4052	365
Evaporation, 22 hrs @ 210°F	%	<b>&lt;1</b>	D972	
Copper Strip Corrosion 8 hrs @ 100 °C	rating	<b>1A</b>	D130	
Four-Ball Wear, 1200 rpm, 75 °C, 40 kg, 1 hr, mm		<b>0.6</b>	D4172	
Foaming Tendency, Sequence I, II, III		<b>Nil</b>	D892	
Specific Gravity @ 15.6°C		<b>085</b>	D1298	

### Storage and Handling

Use PVC, nitrile or other oil resistant gloves and protective clothing to prevent skin contact.

Where eye contact is a potential hazard, goggles should be worn.

Avoid temperatures exceeding 80°C.

Avoid temperatures above 80°C and strong oxidizing agents.

Ambient temperatures and atmospheric pressures normally encountered within buildings or roofed-over outdoor storage areas are acceptable. Avoid entering areas where mists or vapours have built up as a result of abnormal temperatures or pressures without the proper breathing equipment and protective clothing.

### Pack Information

Grades	Product Code	Pack Size	Grades
46/68		20 L	
		210 L	