

TDS: (Technical Data Sheet)



Global Air-Comp 46/68 Series

Global Air comp 46/68 is a premium quality compressor cylinder and crankcase lubricant designed specifically for modern reciprocating compressors. The careful selection of base oils and additives results in a lubricant which can properly lubricate compressor cylinders operating at high discharge temperatures (up to 220A°C) while significantly minimizing carbon formation on piston rings and exhaust.

Special Features:

- Minimal coking tendency and formation of deposits. Excellent oxidation and ageing stability.
- Low slugging tendencies.
- Long-term wear and corrosion protection. Strong demulsibility performance.
- High temperature thermal stability. Good compatibility with elastomers.
- Universal application for piston and rotary compressors.

TECHNICAL CHARACTERISTICS:

Product Characteristics							
Properties	Unit			Value			Test Method
		501	502	503	504	505	
ISO Viscosity Grade		32	46	68	100	150	
Viscosity @ 40°C	mm ² /s	31	44	66	99	147	ASTM D-445
@ 100°C	mm ² /s	5.4	6.6	8.7	11.0	14.5	ASTM D-445
Viscosity Index	kg/m ³	109	99	103	95	97	ASTM D-2270
Density @35°C	C	864	881	872	875	878	ASTM D-1298
Flash Point	C	226	224	240	248	264	ASTM D-92
Pour Point	mg KOH/g	-9	-9	-9	-6	-6	ASTM D-97
Neutralization Number	% wt.	0.15	0.15	0.15	0.15	0.15	ASTM D-974
Conradson carbon		<1	<1	<1	<1	<1	

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