

Respina Frigix PAO

Synthetic (PAO) refrigerating compressor oil



Description

Respina Frigix PAO are fully synthetic, superior performance lubricants, specifically designed for use in refrigeration compressors and are formulated from wax-free, synthesized hydrocarbon polyalphaolefin (PAO) fluids. They are useful for the lubrication of refrigerating compressors (reciprocating and screw) using ammonia and carbon dioxide as refrigerants.

Specification and Approvals

- DIN 51503 KAA
- ISO 6743-3 DRA

Advantages & Benefits

- High resistance to oxidation in the presence of ammonia
- Low pour-point and excellent low temperature fluidity
- Excellent corrosion protection

Typical Data

Property	PAO 32	PAO 46	PAO 68	PAO 100	PAO 220	Test method
Viscosity at 40°C	32	46	68	100	220	ASTM D445
Viscosity at 100°C	5.8	7.8	10.8	13.7	25	ASTM D445
Viscosity Index	132	140	140	145	147	ASTM D2270
Flash Point °C	+240	+260	+270	> 250	> 250	ASTM D92
Pour Point °C	-60	-60	-57	-45	-39	ASTM D97
Density kg/m ³	830	832	835	840	850	ASTM D4052

❖ The above data are typical and acceptable variation may occur during production. Also, some possible changes or modifications can be made upon customer request and specific needs.