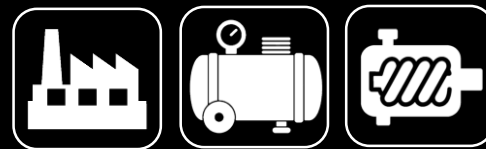


Respina Refrigeration SE

Synthetic (POE) refrigerating compressor oil



Description

Respina refrigeration SE are synthetic polyolester (POE) oils for refrigerating compressors (rotary or reciprocating) using HFC refrigerants such as R134a, R23, R404a, R507 and etc. They are recommended for use in open, semi-open and hermetic compressors in refrigeration systems.

Specification and Approvals

- DIN 51503-1 KD
- ISO 6743-3 DRD

Advantages & Benefits

- Excellent miscibility with HFC refrigerants
- Excellent cold temperature flowability
- Very high thermal and chemical stability in the presence of refrigerants
- Supreme anti-rust and anti-corrosion behavior

Typical Data

Property	SE 32	SE 46	SE 68	SE 100	SE 150	SE 220	Test method
Viscosity at 40°C	32	46	68	100	150	220	ASTM D445
Viscosity at 100°C	6	7.5	9.1	11	15.5	20.8	ASTM D445
Viscosity Index	108	108	108	108	108	108	ASTM D2270
Flash Point °C	+250	+250	+250	+268	+264	+264	ASTM D92
Pour Point °C	-54	-45	-39	-33	-33	-33	ASTM D97
Density kg/m^3	981	871	962	958	991	999	ASTM D4052

- ❖ Respina Refrigeration SE oils are formulated and produced in RESPINA LUBRICANTS blending site and presented data is based on standard tests under laboratory conditions and is given as a guide only. These characteristics are typical of current production and acceptable variation may occur.