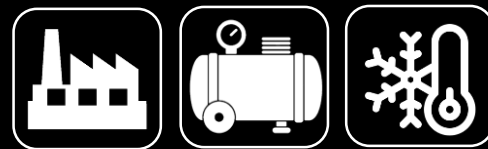


Respina Refrigeration PS

Synthetic (PAO) refrigerating compressor oil



Description

Respina compressor PS 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 | PS 32 | PS 46 | PS 68 | PS 100 | PS 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 | +230 | +260 | +270 | +255 | +260 | ASTM D92 |
| Pour Point °C | -54 | -60 | -57 | -45 | -39 | ASTM D97 |
| Density kg/m ³ | 830 | 830 | 835 | 840 | 850 | ASTM D4052 |

- ❖ Respina Refrigeration PS 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.