



Industrial Oils

hyrax® Extol



Description

Hyrax Extol is a specially formulated refrigeration compressor oil using carefully selected high quality naphthenic base oils and additive packages to provide superior low temperature performance as well as chemical stability and compatibility.

Applications

Hyrax Extol is recommended for use in domestic and industrial refrigeration compressors operating on ammonia, propane and many Freon (CFC) type refrigerants. It is also suitable for use in R-12, R-22, R-502 (CFC / HCFC) refrigerants and ammonia. However, this oil is not to be used in HFC refrigerants and it may not be suitable for SO₂.

Benefits

- Good chemical stability in the presence of fluorocarbon refrigerants
- Low carbon residue, reducing the risk of carbon deposits on the exhaust valve
- Outstanding viscosity – temperature characteristics

Typical Characteristics

| Properties | Method | ISO VG 32 | ISO VG 46 | ISO VG 68 | ISO VG 100 |
|-------------------------|------------|----------------|----------------|----------------|----------------|
| Appearance | Visual | Bright & Clear | Bright & Clear | Bright & Clear | Bright & Clear |
| Density at 15°C, Kg/L | ASTM D4052 | 0.873 | 0.878 | 0.888 | 0.900 |
| Flash Point, °C | ASTM D92 | >175 | >180 | >190 | >190 |
| Pour Point, °C | ASTM D97 | -40 | -40 | -40 | -36 |
| Viscosity at 40°C, cSt | ASTM D445 | 32.0 | 46.0 | 68.0 | 100.0 |
| Viscosity at 100°C, cSt | ASTM D445 | 5.1 | 6.3 | 7.9 | 10.2 |

Performance

- MM-O-2008 TI
- DIN 51503 KA / KC
- British Standard BS 2626



Outstanding viscosity –
temperature characteristics



Low carbon residue,
reducing the risk of carbon
deposits



Provide superior low
temperature performance



High quality naphthenic
base oils and additive