

ArChine Refritech POE Series

Polyol Ester Refrigeration Compressor Fluids

Description

ArChine Refritech POE Series are proprietary blend of premium Polyol Ester technology base fluids and additives. These lubricants are formulated to provide superior protection for HFC refrigeration systems. ArChine Refritech POE Series offer exceptional solubility and superior lubricity in HFC and Blended Refrigerants. ArChine Refritech POE Series have exceptional chemical and thermal stability, and offers a very long service life.

Benefits

- Excellent low temperature fluidity
- Optimized solubility
- Excellent film strength and anti-wear properties
- Very high flash point for added safety
- Enhanced carbon and varnish control to help reduce deposits
- Very low volatility
- Excellent corrosion and rust control
- Enhanced resistance against water contamination

Typical Properties

| Properties | ArChine Refritech POE | | | | | |
|-------------------------|-----------------------|--------|--------|---------|---------|---------|
| | ISO 55 | ISO 68 | ISO 85 | ISO 100 | ISO 120 | ISO 150 |
| Viscosity (cSt) @ 40°C | 53.2 | 65.1 | 83.8 | 99.2 | 118.0 | 146.1 |
| Viscosity (cSt) @ 100°C | 9.82 | 10.76 | 11.98 | 12.90 | 13.96 | 15.32 |
| Viscosity Index | 173 | 156 | 137 | 126 | 117 | 107 |
| Pour Point °C | -45 | -45 | -42 | -39 | -36 | -33 |
| Flash Point °C | 312 | 308 | 302 | 296 | 300 | 298 |

Distributor Wanted

Shanghai PingYiao Trading CO., Ltd.

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|----------------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| Fire Point°C | 332 | 330 | 326 | 324 | 326 | 324 |
| Copper Corrosion, 3 hr | 1 | 1 | 1 | 1 | 1 | 1 |
| Density@ 20°C, g/cm ³ | 0.927 | 0.935 | 0.944 | 0.949 | 0.954 | 0.959 |
| Appearance | Light yellow transparent | Light yellow transparent | Light yellow transparent | Light yellow transparent | Light yellow transparent | Light yellow transparent |

* The above data is typical data, not as product specifications.

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