

**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 170	ISO 220	ISO 320	ISO 350	ISO 370
Viscosity (cSt) @ 40°C	164.8	225.6	312.4	348.9	371.3
Viscosity (cSt) @ 100°C	16.18	18.64	26.18	30.41	33.24
Viscosity Index	102	92	110	121	128
Pour Point °C	-30	-27	-24	-24	-24
Flash Point °C	296	295	278	274	268

**Distributor Wanted**

Shanghai PingYiao Trading CO., Ltd.

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# ARCHINE

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Fire Point °C	320	318	306	296	290
Copper Corrosion, 3 hr	1	1	1	1	1
Density@ 20°C, g/cm <sup>3</sup>	0.961	0.967	0.966	0.963	0.961
Appearance	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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