

CryoTech POE

Refrigeration Compressor Oil
No. 908

ISO 120

DISCRIPTION:

CryoTech POE Refrigeration Compressor Oil is specifically designed for use in commercial and industrial refrigeration and air conditioning compressor systems using R-134A and other HFC's as refrigerant **CryoTech** is a fully synthetic polyol ester (POE) lubricant that has excellent chemical and thermal stability, as well as superior lubricity characteristics with steel and aluminum. **CryoTech** is miscible with all HFC's, HCFC's, CFC's and blends. It is specifically developed to maximize lubrication in HFC systems and consistently outperforms conventional HFC fluids in rotary screw, centrifugal and reciprocating compressors in refrigeration applications.

FEATURES:

CryoTech is formulated using POE base stocks. These base stocks contain less than one percent of the impurities typically found in naphthenic and solvent refined mineral oils. **CryoTech** is superior to naphthenic and solvent refined mineral refrigeration oils in the critical performance areas of lubrication, thermal stability, and reduction of oil carryover. The POE base stocks used in **CryoTech** maintains a stable viscosity, reduces sludge and harmful deposits and provides maximum protection to critical compressor components.

PERFORMACE CHARACTERISTICS:

- Improves system efficiency
- Extends drain intervals and compressor life
- Maintains viscosity grade thousands of hours longer than conventional refined oils
- Compatible with seal elastomers commonly used
- Low volatility
- Less oil carry over into the system
- Reduces add oil
- Reduces sludge and carbon buildup
- Does not mix with water to form an emulsion
- Low foaming

TYPICAL APPLICATIONS:

CryoTech POE Refrigeration Compressor Oil is approved by or meets the requirements of most major compressor OEM's including:

- Bitzer
- Frigoscandia
- Grasso
- Howden
- Huppman
- Sullair
- Vilter
- Mayekawa/Mycom (screw compressors)

SUMMARY:

CryoTech Refrigeration Compressor Oil is specifically designed for use in commercial and industrial refrigeration systems. **CryoTech** is designed to have a minimum mixing of oil in the refrigerant. This reduces the amount of make-up oil and reduces the amount of oil that must be removed from the low side of the system, downstream from the compressor. **CryoTech** greatly reduces equipment wear, labor costs and annual oil costs.

TYPICAL SPECIFICATIONS:

ISO Grade	32	120
Viscosity @ 40° C, cSt:	33	121.1
@ 100° C, cSt:	5.8	12.6
Viscosity Index:	118	95
Flash Point, COC, °F	471	545
Pour Point, °F:	-58	-29
Specific Gravity	0.977	0.9751

Values shown here are typical, and may vary.