

Lubricants / Oils



EMKARATE RL™ Polyol Ester Refrigeration Lubricants

Emkarate RL polyol ester refrigeration lubricants are specifically designed for use with HFC and HCFC refrigerants. The Emkarate line of polyol ester lubricants is one of the most widely accepted brands by major OEMs. Use in a range of applications, including reciprocating, centrifugal, rotary, screw and scroll compressors. **Products LE32-3MAFQ and LE32-3MAF1 are Copeland Approved.**

- Excellent thermal stability.
- Much lower pour points than mineral oils. Superior low temperature performance.

Viscosity	1 Quart	1 Gallon	5 Gallon
100 SUS (ISO 22)	–	–	–
150 SUS (ISO 32)	LE32-3MAFQ	LE32-3MAF1	–
150 SUS (ISO 32)	LE32HQ	LE32H1	–
300 SUS (ISO 68)	LE68HQ	LE68H1	LE68H5

55 gallon drums are available as special order.

Emkarate products not listed maybe available as special order.

SUNISO™ Mineral Refrigeration Oils

Suniso premium naphthenic based refrigeration and A/C oils have been the AC/R industry standard for over 40 years because of the long trouble-free service records of systems that have used Suniso refrigeration oils. **Products L316, L318 and L321 are Copeland Approved.**

- Low floc point. Low wax content minimizes the potential for wax separation when used in low temperature applications.
- Low pour point prevents oil from congealing in refrigerant lines.
- Freedom from moisture and other contaminants prevents premature wear and the plugging of lines and oil ports.
- Controlled viscosity. Maintains high film strength even when diluted with refrigerant, yet remains fluid under extreme low temperature operating conditions.
- High dielectric strength allows the oil/refrigerant mixture to serve as an insulator between the motor windings and the body in a compressor.
- High chemical stability minimizes the reaction with refrigerants and other materials that are a part of the system.
- For use with CFC, HCFC and HC refrigerants, as well as some non-fluorocarbon refrigerants including ammonia.



Viscosity	1 Quart	1 Gallon	5 Gallon
150 SUS (ISO 32)	L316	L318	L321
300 SUS (ISO 68)	–	L319	L322
500 SUS (ISO 100)	–	L320	–

55 gallon drums are available as special order.