



# 6723 MONOLEC® Refrigeration Oil

**Prevents sludge formation, controls wear on moving parts and provides longer effective oil life in refrigeration systems.**

**MONOLEC Refrigeration Oil** combines the advantages of carefully selected base oils, inherently excellent in low temperature characteristics, with a highly effective additive package for peak performance under the rigorous conditions encountered in Ammonia refrigeration systems. This oil contains MONOLEC, LE's exclusive wear-reducing additive and special additives to prevent sludge, assure low temperature fluidity and to provide longer effective oil life.

## USER BENEFITS:

☐ ***Trouble Free Operation means less downtime, fewer problems and lower maintenance costs.***

- Effective Sludge Control. Efficient additives which inhibit sludge formation in the presence of Ammonia refrigerants. Sludge will clog expansion valves, stick valves and rings, and cause deposits which "choke" the system's cooling efficiency.
- Complete Compatibility. **MONOLEC Refrigeration Oil** will not produce corrosive or sludge-forming reactions with metals commonly found in Ammonia refrigeration systems.

☐ ***Lower Maintenance Costs. By using MONOLEC Refrigeration Oil you will experience trouble free operation, less downtime, fewer repairs, longer effective oil life and reduced maintenance costs.***

- Nonfoaming in service.
- Excellent Low Temperature Performance. This is assured through the use of carefully selected, low temperature base oils supplemented with pour point depressants.

This assures that the oil will remain perfectly fluid at low temperatures while maintaining the highest viscosity for effective lubrication.

☐ ***Longer Compressor Life translates to lower capital expenditures.***

- Reduced wear. MONOLEC wear-reducing additive increases the natural oil film strength provided by the base oil to greatly reduce wear on bearings and other rubbing surfaces.
- Effective Additive Package. This package protects against deposits that "choke" the system. Rust and oxidation are practically eliminated, and the entire system operates much longer at peak efficiency.

☐ ***Longer Effective Oil Life results from effective sludge control, oxidation resistance, and the high quality of the carefully selected and refined base oil.***

☐ <b>Available Grade:</b>	<b>Pour Point</b>
<b>6723      ISO 68</b>	<b>-22°F(-30°C)</b>

## TYPICAL APPLICATIONS:

- Reciprocating Ammonia Refrigeration Compressors
- Rotary Ammonia Refrigeration Compressors

## WHAT IS MONOLEC?

**MONOLEC** is LE's exclusive wear-reducing additive which has proven its extraordinary performance in thousands of applications. It is an invaluable component in LE's engine oils, industrial oils and other lubricants bearing the MONOLEC trademark

**MONOLEC** creates a singular molecular lubricating film on the metal surface, vastly increasing film strength without affecting tolerances. MONOLEC allows opposing surfaces to slide by one another, greatly reducing friction, heat and wear.



**LUBRICATION ENGINEERS, Inc.**  
LEADERS IN LUBRICANTS

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LE Products manufactured under an  
ISO 9001:2000 Certified Quality System

The ASTM D-665B Rust Test was run to evaluate the rust preventative characteristics of LE's 6723 MONOLEC® Refrigeration Oil versus competitive oils. The test specimens show moderate to heavy rust with the competitive oils and virtually no rust with the 6723 MONOLEC Refrigeration Oil.

### ASTM D-665B RUST TEST



COMPETITIVE OIL A



COMPETITIVE OIL B



LE'S 6723 MONOLEC  
REFRIGERATION OIL

**LE'S 6723 MONOLEC REFRIGERATION OIL SHOWS  
EXCELLENT RUST PREVENTION VERSUS THE  
COMPETITIVE OILS TESTED!**



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