

CUSTOMER TESTIMONIAL

6723 MONOLEC® REFRIGERATION OIL

Large Food Supplier, Los Angeles, CA

MYCOM Ammonia Refrigeration Systems • SIC 5141 Groceries, General Line

\$472.68 x 3 Units = \$1,418.04 ANNUAL SAVINGS

CUSTOMER PROFILE

A Large Food Supplier located in Los Angeles, CA provides food for institutions and restaurants across the United States.

APPLICATION

They have three MYCOM N6A, N8A and N8B, 113 ton ammonia refrigeration systems.

AREA OF CONCERN

V. Holman, the Maintenance Manager at this Food Supplier, was concerned about heat and excessive wear on their refrigeration systems. Using a commercial grade refrigeration oil they were finding sludge in the units at each inspection period.

LE SOLUTION

The local LE Lubrication Consultant made a ZAP Energy Savings Program presentation and introduced LE's 6723 MONOLEC® Refrigeration Oil. LE's 6723 contains MONOLEC®, LE's exclusive wear-reducing additive plus special high-tech additives to prevent sludge, assure low temperature fluidity and to provide longer effective oil life.

CUSTOMER COST SAVINGS

In August 1989, they began switching over the three units to LE's 6723 MONOLEC Refrigeration Oil. The conversion was completed in November of 1989, with all three units being converted. Oil analysis was performed on all three units, and when comparing the analysis results of the commercial grade lubricant versus LE's 6723, **there was a significant drop in wear metals with 6723.**

The following formula is used to find the cost of a unit's electrical consumption. This is the same formula used by the local utility.

$$\begin{aligned} \text{kW Savings} &= \text{Volts} \times \text{Amperage Saved} \times 1.73^* \\ \text{Annual kWh Savings} &= \text{kW Savings} \times \text{Hours of Operation Per Year} \\ \text{Annual Electrical Savings} &= \text{Annual kWh Savings} \times \text{Electrical Charge} \\ &^* \text{Conversion factor for a 3-phase source.} \end{aligned}$$

$$\begin{aligned} .460 \times 3.3 \times 1.73 &= 2.626 \\ 2.626 \times 2000 &= 5252.00 \\ 5252.00 \times \$0.09 &= \$472.68 \end{aligned}$$

\$472.68 x 3 Units = \$1,418.04 ANNUAL SAVINGS USING LE'S 6723 MONOLEC REFRIGERATION OIL

We wish to thank V. Holman, Maintenance Manager, and LE Lubrication Consultant Andy Hutt for the information to prepare this report.



Andy Hutt

Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

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