

3752 ALMAGARD® VARI-PURPOSE LUBRICANT

WESTFARM FOODS (DARIGOLD), Chehalis, WA

Disk Bearings on Aerator • SIC 2022 Cheese, natural and processed

LE's 3752 has saved \$18,000.00 over the past eight years!

CUSTOMER PROFILE

Westfarm Foods is a major dairy processing plant located in Chehalis, Washington. They process several million gallons of wastewater per day.

APPLICATION

Aerator disk bearings.

AREA OF INTEREST

Plant Supervisor Frank Klovertanz was looking for a grease that would help make the disk bearings last longer, as well as seal out the constant presence of water. The previous commercial grade greases they used, when mixed with the constant water, would run out of the bearings causing overheating and premature bearing failure and even shaft damage.

LE SOLUTION

3752 ALMAGARD® Vari-Purpose Lubricant was recommended. LE's 3752 is a multi-functional, Extreme Pressure (EP) lubricant for extended service under extreme conditions. For use in all types of vehicles, on and off road, as well as in many in-plant applications. LE's 3752 is very tacky, has excellent water



resistance, will not pound out, and is rust and corrosion inhibited. LE's 3752 Contains LE's proprietary additives ALMASOL® and QUINPLEX®.

CUSTOMER COST SAVINGS

Westfarm Foods previously averaged one bearing failure a year at the cost of \$1200.00 plus the labor to replace it, which consisted of four men at \$37.50 per hour for 6-8 hours. One time the bearing failed so badly the entire shaft had to be dismantled. They had to bring in a crane to lift out the shaft and have it machined. This cost approximately \$5,000.00. Since the conversion to LE's 3752 in 1996, they have not had a single bearing failure. Frank stated, "The best savings so far is that my crew does not have to suit up and dive into the nasty sludge anymore."

**LUBRICATION
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Savings over the past 8 years:

\$1200.00 per bearing x 8 years = \$9,600.00 in bearing savings
28 labor hours @ \$37.50 x 8 years = \$8,400.00 in labor hour savings

LE 3752 has saved \$18,000.00 over the past eight years!

OTHER PRODUCTS USED

The plant also uses LE 1605 DUOLEC™ Vari-Purpose Gear Lubricant on all of their gearboxes. This has virtually stopped all of the previous leaks.

Lubrication Engineers wishes to thank Plant Supervisor Frank Klovertanz and local LE Lubrication Consultant John Kowsky, Jr (pictured right), for the information provided to prepare this report.



Frank Klovertanz