

# 1605 DUOLEC™ VARI-PURPOSE GEAR LUBRICANT

LEO'S FOODS, INC., Fort Worth, Texas

Sumitomo Drive Sheeter Heads • SIC 2099 Food Preparations

CUSTOMER TESTIMONIAL

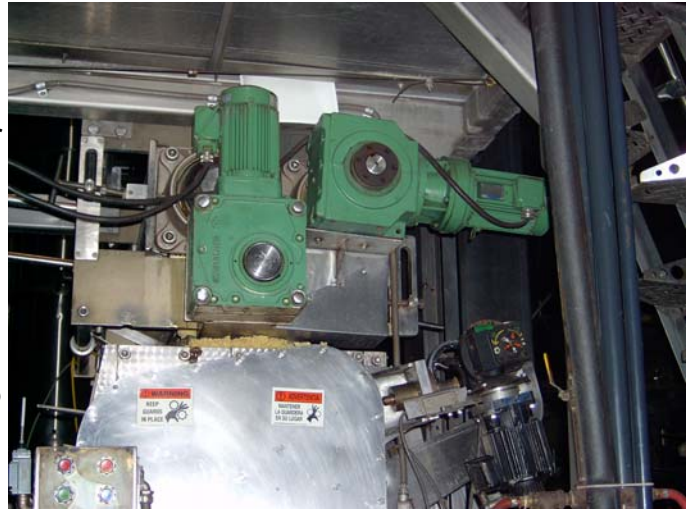
- Oil drain intervals doubled
- Oils costs cut in half
- Oil temperature reduced

## CUSTOMER PROFILE

Leo's Foods manufactures corn and flour tortillas and tortilla chips for distribution throughout Texas and surrounding areas. They have been an LE customer since 1987.

## APPLICATION

Leo's Foods use 25 hp and 50 hp Sumitomo gearboxes that drive sheeter heads to cut tortilla shapes.



## AREA OF INTEREST

The units were running at 200-220°F (93-104°C) and they were experiencing short oil life.

## LE SOLUTION

LE Lubrication Consultant Bill Guynes recommended LE 1605 DUOLEC™ Vari-Purpose Gear Lubricant. LE 1605 is a high performance gear oil acceptable for use in any industrial gear or bearing application that requires a high thermal stability, extreme pressure lubricant. 1605 is fortified with a shear stable tackifier to provide adhesion to the metal during use. It contains DUOLEC™, LE's proprietary temperature activated, dual acting, liquid additive that increases film strength and EP characteristics.

## CUSTOMER COST SAVINGS

Since the conversion to LE 1605, oil drains have been extended from three months to six months cutting oil costs in half.

Oil temperature has been reduced to 160°F (71°C).

The customer stated, "LE's blended oil out performed a full synthetic."

## OTHER PRODUCTS USED

1299 ALMAPLEX® Ultra-Syn Lubricant is used for all high temperature bearing applications.

6110 MONOLEC® Hydraulic Oil is used in all hydraulic applications.

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4025 QUINPLEX® Food Machinery Lubricant is used for all bearings not associated with the ovens.

9965 MONOLEC® High Temperature Oven Chain Lubricant is used on the oven chains.

2059 MONOLEX® Penetrating Oil &

Lubricant is used for cleaning and lubrication of threaded applications.

9460 MONOLEC® Synthetic Industrial Lubricant is used in worm gear drives.

6404 MONOLEC® R&O Compressor/Turbine Oil is used in the blowers.

*Lubrication Engineers Inc. would like to thank Fred Sanchez with Leo's Foods and LE Lubrication Consultant Bill Guynes for providing the information used to prepare this report.*



**Bill Guynes**