



Duolec® Vari-Purpose Gear Lubricant (1605)

Leo's Foods, Inc. – Fort Worth, Tex.

Sumitoma Drive Sheeter Heads

- **Doubled oil drain intervals**
- **Cut oil costs in half**
- **Reduced operating temperature**

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.

Challenge

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

LE Solution

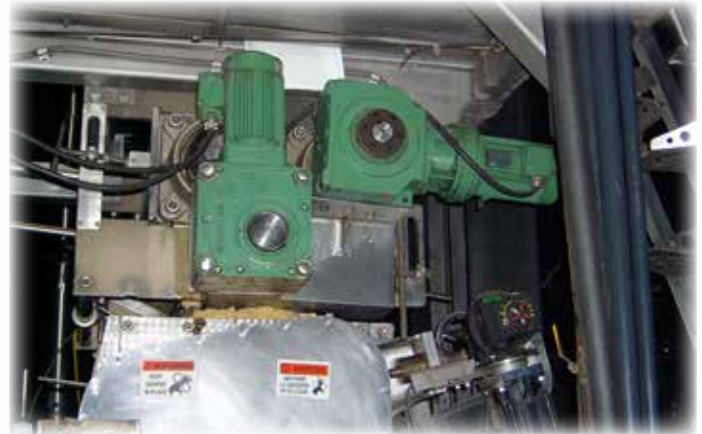
Bill Guynes, LE lubrication consultant, recommended Duolec® Vari-Purpose Gear Lubricant (1605). Duolec 1605 is a high performance gear oil acceptable for use in any industrial gear or bearing application that requires a high thermal stability, extreme pressure lubricant. It is fortified with a shear 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.

Results

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

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

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



Other Products Used

- Almaplex® Ultra-Syn Lubricant (1299) is used for all high temperature bearing applications.
- Monolec® High Temperature Oven Chain Lubricant (9965) is used on the oven chains.
- Monolec® Hydraulic Oil (6110) is used in all hydraulic applications.
- Monolec® R & O Compressor / Turbine Oil (6404) is used in the blowers.
- Monolec® Synthetic Industrial Lubricant (9460) is used in worm gear drives.
- Monolex® Penetrating Oil & Lubricant (2059) is used for cleaning and lubrication of threaded applications.
- Quinplex® Food Machinery Lubricant (4025) is used for all bearings not associated with the ovens.

Thank you to Fred Sanchez, of Leo's Foods, and to Bill Guynes, LE lubrication consultant (pictured), for providing the information used in this report.





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Based on actual user experience. Individual results may vary. Not intended to supersede manufacturer specifications.

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