

Customer Testimonial



Quinplex® Synthetic Food Grade Oil (4046)

A Private Beverage Packaging Company – Fort Gibson, Okla.

Quincy 350 Rotary Screw Compressor

- Extended oil drain intervals from 2,000 hours to 5,000 hours
- Saves \$3,836.75 per year in electrical costs

Customer Profile

A Private Packaging Corporation packages hot and cold beverages for nationwide companies such as Nestles, Pepsi-Cola and Coca-Cola. They have been an LE customer since 1995.

Application

Five Quincy 350 CFM rotary screw compressors supply all plant air. They operate approximately 720 hours per month.

Challenge

During peak production, all five compressors are used to their maximum potential to keep the plant supplied with enough air. They were looking to extend drain intervals and cut down on oil costs.

LE Solution

The local LE lubrication consultant recommended Quinplex® Synthetic Food Grade Oil (4046), which is a NSF registered and USDA H1 rated for food processing equipment. It has superior low temperature performance, excellent load carrying, anti-wear properties and seal compatibility.

Results

Drain intervals have been extended from 2,000 hours with the commercial grade lubricant to 5,000 hours with Quinplex 4046, a savings of \$23,190 per year in oil costs.

Figures provided by Mr. R.C. Mabe, power sales consultant with Oklahoma Gas & Electric Service, indicate an annual electricity savings of \$767.35 while using Quinplex 4046.

\$767.35	annual savings
x 5	air compressors

\$3,836.75	total annual electric savings

\$26,610.00	oil cost savings
+ \$3,836.75	electric savings

\$30,446.75	total savings per year

Other Products Used

- Duolec® Vari-Purpose Gear Lubricant (1604) – filler gearboxes
- Duolec® Vari-Purpose Gear Lubricant (1605) – gear reducers
- Quinplex® Food Machinery Lubricant (4025) – general plant lubricant
- Quinplex® White Oil (4030) – recirculating oil on filler (hot-fill)
- H1 Quinplex® Penetrating Oil & Lubricant (4059) – general plant lubricant
- H1 Machine Oil (6751) – filler (cold-fill)



Steve Dagistino

*Thank you to Steve Dagistino, plant/
process maintenance manager,
Dee Cookson, plant maintenance
lead, and to the local LE lubrication
consultant, for providing the
information used in this report.*



Dee Cookson

Quinplex® and Duolec® are registered trademarks of Lubrication Engineers, Inc.

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

SIC 2032
LI70492 03-09