

**4046 QUINPLEX® SYNTHETIC FOOD GRADE OIL**  
**A PRIVATE BEVERAGE PACKAGING CO., Fort Gibson, OK**  
**Quincy 350 Rotary Screw Compressor • SIC 2032 Canned Specialties**

**LE's 4046 saves \$30,446.75 a year!**

**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 about 720 hours per month.

**AREA OF CONCERN**

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**

LE Representative Bob Kaser recommended 4046 QUINPLEX Synthetic Food Grade Oil. LE's 4046 contains an antimicrobial agent and is 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.*

**CUSTOMER COST SAVINGS**

Product consumption:

Using commercial grade lubricant-  
6 drums (55 gallon) per air compressor per year  
\$1,660 per drum = \$9,960 per compressor  
5 compressors x 5 = \$49,800 per year

Using LE's 4046-  
3 drums (55 gallon) per air compressor per year  
\$1,546 per drum = \$4,638 per compressor  
5 compressors x 5 = \$23,190 per year

**LE's 4046 saves \$26,610 per year in oil costs alone!**

Drain intervals have been extended from 2,000 hours with the commercial grade lubricant to 5,000 hours with LE's 4046.

**CUSTOMER TESTIMONIAL**

**LUBRICATION  
ENGINEERS, Inc.**

*Leaders in Lubricants*



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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 LE's 4046.

\$767.35 annual savings  
x 5 air compressors  
**\$3,836.75 total annual electric savings using LE's 4046**

\$26,610.00 – oil cost savings  
+ \$ 3, 836.75 – electric savings  
**\$30,446.75**

**LE's 4046 saves \$30,446.75 a year!**

#### **OTHER PRODUCTS USED**

- ◆ 604 ALMASOL<sup>®</sup> Vari-Purpose Gear Lubricant – Filler Gearboxes
- ◆ 607 ALMASOL<sup>®</sup> Vari-Purpose Gear Lubricant – Gear Reducers
- ◆ 4025 QUINPLEX<sup>®</sup> Food Machinery Lubricant – General plant lubricant
- ◆ 4030 QUINPLEX<sup>®</sup> White Oil – Recirculating oil on filler (hot-fill)
- ◆ 4059 H1 QUINPLEX<sup>®</sup> Penetrating Oil & Lubricant – General plant lubricant
- ◆ 6751 H1 Machine Oil – Filler (cold-fill)

We would like to thank Plant/Process Maintenance Manager Steve Dagistino, Plant Maintenance Lead Dee Cookson and LE Representative Bob Kaser for the information provided to prepare this report.



**Bob Kaser**



**Steve Dagistino**



**Dee Cookson**