

4023 QUINPLEX® FOOD MACHINERY LUBRICANT

BORDEN CO., INC., Sulphur Springs, TX

Pure Pac Packaging Machine • SIC 2026 Fluid Milk

CUSTOMER PROFILE

Borden Company, Inc. is located in Sulphur Springs, TX. They process specialty food such as cottage cheese, dips, and sour cream, for the dairy industry nationwide. This location has been an LE customer for seven years. Tommy Childs is the Plant Engineer.

APPLICATION

A Pure Pac packaging machine is used to package sour cream, cottage cheese and dips.

AREA OF INTEREST

The previous H1 grease was drying out and plugging the lubrication tubes. This required replacement or cleaning of the tubes, plus lack of adequate lubrication was causing extreme bushing wear with frequent downtime. This machine's parts were jamming due to lack of lubrication. This was happening when the machine was running at full speed, causing product and production loss.

LE SOLUTION

LE Representative Walter Morman recommended LE's 4023 QUINPLEX Food Machinery Lubricant. The application called for an NLGI 0 grade grease because of the manually operated lube system. This machine is also washed down frequently, and it needed protection from moisture and corrosive cleaners. LE's 4023 is USDA authorized and rated H1 for food and beverage processing equipment. It is white in color, water resistant,

Grease consumption was reduced from 150 lbs. per year to 50 lbs. per year

resists high temperatures and is rust and corrosion inhibited. It contains QUINPLEX®, LE's proprietary additive, plus an anti-microbial agent.

CUSTOMER COST SAVINGS

The dollar amount saved by using LE's 4023 is difficult to ascertain. Grease consumption was reduced from 150 lbs. per year with the specialty grade lubricant to 50 lbs. per year with LE's 4023. This is a savings of 66-2/3%. The true savings came in eliminating repair man-hours, parts and lost production.

OTHER LE PRODUCTS USED

- 604 ALMASOL® Vari-Purpose Gear Lubricant is used in the Dodge gearbox.
- 2059 MONOLEX® Penetrating Oil & Lubricant is used to free frozen bolts and parts.
- 4024 & 4025 QUINPLEX® Food Machinery Lubricant
- 4090 & 4140 QUINPLEX® White Gear Lubricant
- 8330 MONOLEC® PLUS Engine Oil
- 6401, 6402, 6403, 6404 MONOLEC® R&O Compressor/Turbine Oils
- 9102 SYNTEMP® Synthetic Lubricant.

We want to thank Tommy Childs, Plant Engineer; Larry Keller and LE Representative Walter Morman (pictured) for the information provided to prepare this report.



Based on actual user experience. Individual results may vary. Product used not intended to supersede manufacturer's specifications.

**LUBRICATION
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