

4024 QUINPLEX® FOOD MACHINERY LUBRICANT

NEBRASKA BEEF, Omaha, NE

Air Knives •

SIC 2011 Meat Packing Plants

**4024 has saved Nebraska Beef \$400 per week
IN AIR KNIFE PARTS ALONE!**

CUSTOMER TESTIMONIAL

CUSTOMER PROFILE

Nebraska Beef is a complete beef processing plant. They slaughter, process and package various beef products.

APPLICATION

Throughout the Nebraska Beef operation, Kentmaster air powered knives are used in all phases of the meat packing process.

AREA OF INTEREST

While using a commercial grade lubricant in the air powered knives, Nebraska Beef was experiencing one knife failure per day. The knives run at a high rpm, which generates high heat (180°F). The knives are constantly in contact with raw meat. The maintenance personnel at Nebraska Beef were interested in a lubricant that could withstand the heat, plus stay in place when constantly coming in contact with water and cleaning solutions.

LE SOLUTION

LE's 4024 QUINPLEX Food Machinery Lubricant was recommended for this application. It is



specifically USDA authorized and rated H1 for the food and beverage industry. It is white, water resistant, resists high temperatures, clings to metal, is rust and corrosion inhibited and mechanically stable. LE's 4024 contains QUINPLEX® and an anti-microbial agent.

CUSTOMER COST SAVINGS

LE's 4024 is applied through a grease fitting located on the head of the knife. Since switching to LE's 4024, air operated knife bearing failure has been reduced from one failure per day to one failure per week. The cost of a new bearing is \$100. **Jim Smith, Plant Engineer, estimates that LE's 4024 QUINPLEX Food Machinery Lubricant has saved Nebraska Beef \$400 per week in air knife parts alone.**

**LUBRICATION
ENGINEERS® Inc.**

Leaders in Lubricants



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LI70243



Plant Engineer Jim Smith

OTHER PRODUCTS USED

LE's 3752 ALMAGARD® Vari-Purpose Lubricant is being used as a general purpose plant grease in applications that do not require a USDA H1 product. They are also evaluating LE's 6404 MONOLEC® Turbine Oil and LE's 1275 ALMAPLEX® Industrial Lubricant in their Busch vacuum pumps. These pumps are used in the Kryovac® packaging system.

We want to thank Jim Smith, Plant Engineer and LE Representative John Krehmke (pictured) for the information provided to prepare this report.

