

Customer Testimonial



Monolec® Industrial Lubricant (4701)

Fish Processing Company – Auckland, NZ

Trio Fish Skinner (bearings)

- Increased lifespan of seals and bearings from less than a year to 13 years or more
- Saved thousands of dollars in parts and downtime every year

Customer Profile

A customer of Lubrication Engineers NZ Ltd since 1987, this well-established fish processing company in Auckland supplies wholesale and retail seafood throughout New Zealand and the Pacific.

Application

A Trio fish skinner (model number FDS 2N) is used to separate the skin from the flesh of the fish. The machine consists of a frozen barrel that the skin sticks to and a blade that removes the flesh as the barrel rotates. The bearings and seals on each end of the barrel are subjected to very low temperatures and continual washdown.

Challenge

When the bearings were greased with a commercial brand lubricant, the machine's bearings and seals were failing within 12 months. The replacement of bearings and seals cost approximately \$3,000 and required three to four days of machine downtime.

LE Solution

Beginning in 1991, the company began using LE's Monolec Industrial Lubricant (4701) for the Trio fish skinner bearings.

The complex base of Monolec 4701 will not separate even under severe conditions. It is recommended for



use where an easily pumped, medium EP grease is required. It is especially good for low-temperature grease applications and for high-speed bearings.

Results

The current plant engineer started in 1997 and said that, as of 2010, he has never needed to replace the seals and bearings. He is unsure when they were changed previously. Because of this outstanding performance, he refuses to even consider changing lubricants.

Other LE Products Used

Quinplex® Food Machinery Lubricant (4024) – It has been used since 1987 on all of the plant's processing machines where incidental food contact may occur and high water resistance is needed.

Thank you to Chris Unsworth, LE lubrication consultant, for providing the information used in this report.

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The Lubrication Reliability Source™

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

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