

APPLICATION
Bearings

LE Stops Bearing Failures for Pasta Manufacturer

CUSTOMER TESTIMONIAL
General Mills, New Zealand

CHALLENGE

Significant rust and corrosion issues due to frequency of washdowns

SOLUTION

H1 Quinplex® Food Machinery Lubricant (4025)

RESULTS

- Eliminated bearing failures
- Increased lubrication intervals from once a day to only once a week
- Reduced grease consumption

Customer Profile

General Mills started in the USA in 1880 with Gold Medal Flour and for more than 150 years has manufactured a range of food products in 100 countries throughout the world. The Auckland site manufactures pasta products, including brands such as Betty Crocker, Old El Paso and Frescarini.

Application

Bearings on pasta manufacturing equipment.

Challenge

Short bearing life, short lubrication intervals, and rust and corrosion issues due to regular washdowns and the caustic environment.

LE Solution

H1 Quinplex Food Machinery Lubricant (4025) was recommended due to its resistance to washdowns. This product clings tenaciously to metal, protecting bearings and other metal surfaces. It is also rated as a General Mills A Lubricant.

RESULTS

The Quinplex grease stays in place even after the regular washdowns that occur. Lubrication intervals have increased from the previous once per day to now only once per week. Lubricant usage has reduced dramatically, and bearings are no longer failing at the plant due to inadequate lubrication.

“When we get new sealed bearings, we clean them out and repack them with Quinplex (4025), to make sure they will last”, said Bill Fitzgerald, Engineering Manager.



Other LE Products Used

- H1 Quinplex® Penetrating Oil & Lubricant (4059) – General use
- H1 Quinplex® White Oil (4010) – Surface protectant
- H1 Quinplex® Synthetic Food Grade Oil (4046) – Atlas Copco Air Compressor
- Monolec® R & O Compressor / Turbine Oil (6404) – Vacuum pumps
- Syntemp® Synthetic Lubricant (9102) – Slides

Thanks to Bill Fitzgerald, Engineering Manager, and LE NZ's sales consultant Chris Unsworth (pictured) for helping to provide the information used in this report.



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