



Quinplex® Food Machinery Lubricant (4025)

Iams Petcare – Leipsic, Ohio

Nixon Tool Knife

- Eliminated knife head failures and the need for twice-a-month bearing replacement
- Reduced grease consumption

Customer Profile

Iams Petcare makes premium quality pet food. They are a division of Procter & Gamble, and their products are sold under the Iams brand name.

Application

A 5-hp motor powers a Nixon Tool knife driver that cuts kibble coming from the extruder.

Challenge

According to Andrew Niese at the Iams facility, the commercial product they were using could not hold up to the heat or speed for the duration the equipment was running.

LE Solution

Steve Dean, LE lubrication consultant, recommended Quinplex® Food Machinery Lubricant (4025), which is NSF H1 certified and cleared for use in USDA-inspected food and beverage plants. It does not emulsify with water and provides great wear protection, oxidation stability, resistance to water spray-off, and has superior EP load-carrying capability.

Results

“This improvement is beneficial to our company because prior to using the LE 4025, we were using Lubriplate Super FML-2 and it was not the right grease for our application,” Andrew said. “We were changing, on average, two knife head assemblies a month due to failures, which are around \$571 per assembly. The grease would not hold up to the heat and pressure we had it under. With the LE 4025, we are not changing bearings anymore and not using as much of the grease at greasing intervals. It is also holding up to the water we are using around it.”

Other LE Products Used

- Multilec® Industrial Oil (6806)
- Monolec® Synthetic Industrial Lubricant (9460)

Thank you to Andrew Niese of Iams Petcare, and to Steve Dean, LE lubrication consultant (pictured), for providing the information used in this report.





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

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