TIMKEN

BREAKDOWNS ELIMINATED, MAINTENANCE MITIGATED FOR POTATO PROCESSOR

CHALLENGE

For a major french fry producer in Alabama, frequent bearing failure in a critical potato conveyor system led to unacceptable downtime and maintenance requirements. The application, at the bottom of the conveyor system and submerged under water, saw just 2-6 weeks of acceptable performance before bearing replacement was necessary.

TIMKEN SOLUTION

Timken service engineers identified a replacement solution: the Timken® Spherical Roller Bearing Solid-Block Housed Unit paired with a food-grade grease-filled urethane cover. The new solution has delivered excellent performance and has eliminated the need for continuous maintenance and replacement.

RESULTS THAT MATTER

- Longer bearing life
- Minimized maintenance
- Maximized uptime



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The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, brakes, clutches, chain, couplings, gears and related mechanical power transmission products and services.