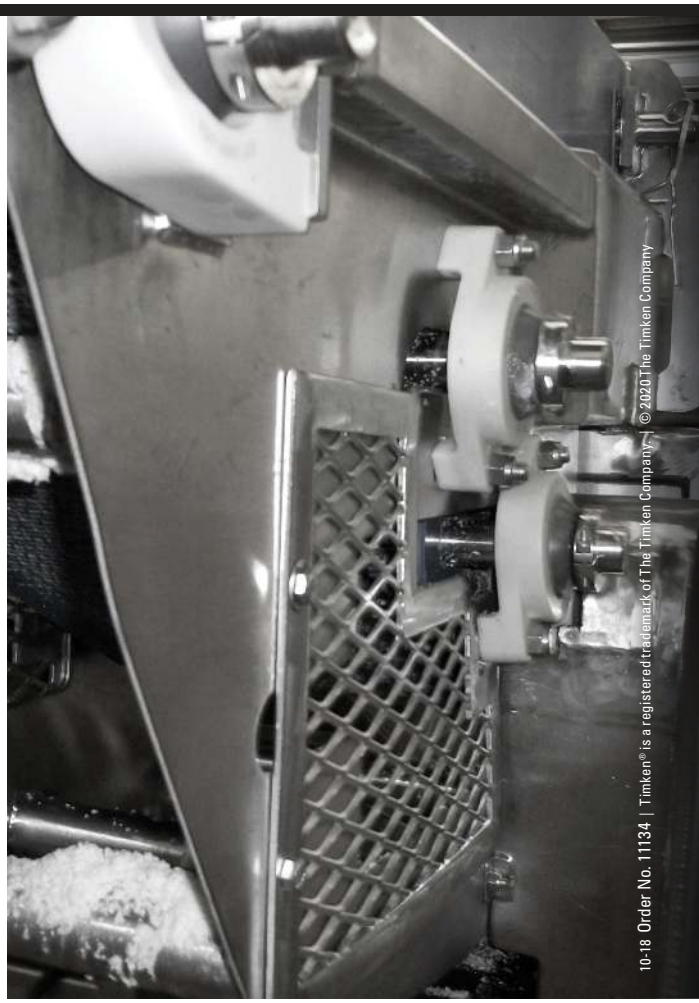
TIMKEN

POLY-ROUND® BEARING MINIMIZES MAINTENANCE NEEDS, SAVES $130K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CHALLENGE

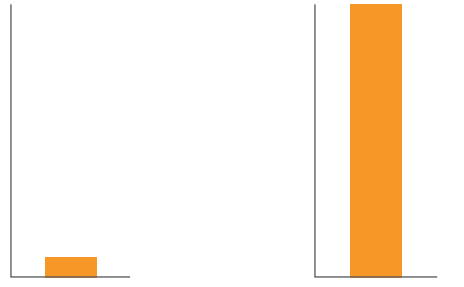
For a major chicken processor, frequent bearing replacement in its transfer conveyors was grinding operations to a halt. Heavy sanitizing washdown cycles compromised performance of the existing bearing option, necessitating weekly re-greasing and water purging. Even with such frequent maintenance, the bearings provided only 2-3 months of life before total replacement was required.

TIMKEN SOLUTION

Our service engineers identified a new bearing option: the Poly-Round® Bearing. By incorporating lubrication into its composition, the Poly-Round solution eliminates the need for re-greasing and offered the chicken processor extended performance life.

RESULTS THAT MATTER

- Bearing life extended to three years
- Minimized replacement and maintenance needs
- Total savings of $130,000



BEARING LIFE BEFORE CHANGE

BEARING LIFE AFTER CHANGE



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.