

TIMKEN SOLUTION KEEPS LINES RUNNING

CHALLENGE ▼

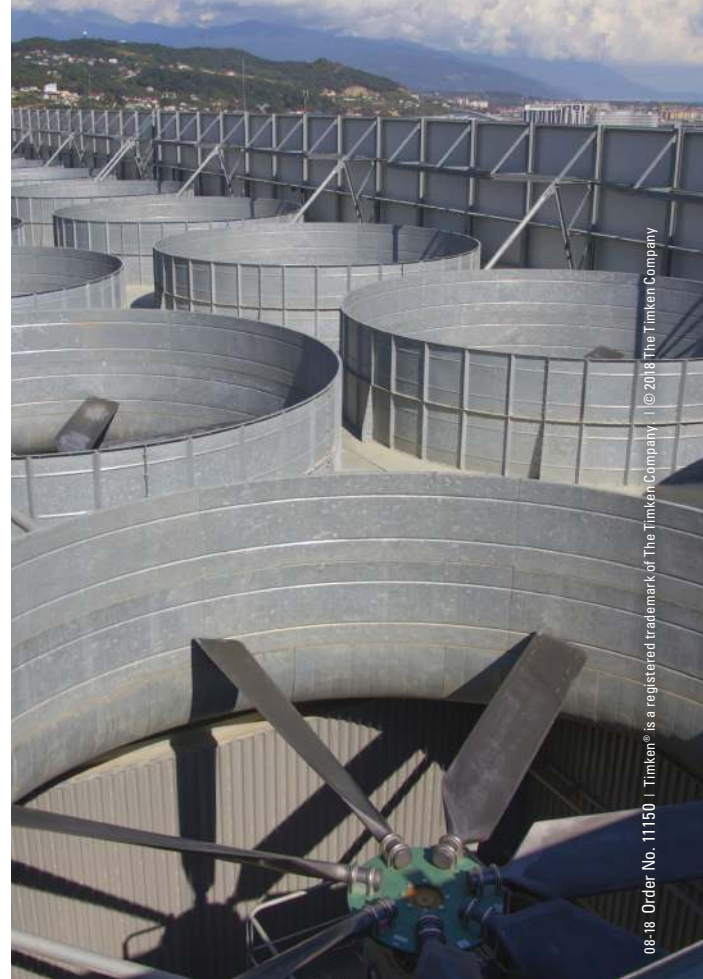
A customer in the food industry experienced regular problems with changing the bearings in a plummer block arrangement on a fan located above an oven. Dust in the immediate environment—and inadequate sealing—caused contamination and premature bearing failure. In addition, high oven temperatures resulted in restricted access to maintain and replace fan bearings. A complete line stoppage occurred every time a bearing failed, because the fans could only be repaired off-line.

TIMKEN SOLUTION ▼

Timken service engineers recommended Timken® Split Cylindrical Roller Bearing Housed Units with a Kevlar® package sealing arrangement to create a superior sealing solution. Plus, because all Timken assemblies allow seals to run concentrically with the shaft, the bearings last longer, reducing required maintenance. The Timken bearings have operated continuously without failure for four months. The previous bearings would have been replaced at least once during this time. The customer also benefited from the Timken service engineer's advice on grease selection and maintaining a lubrication regimen.

RESULTS THAT MATTER ▼

- Reduced downtime
- Reduced maintenance costs
- Increased efficiency
- Increased performance



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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.