TIMKEN

TIMKEN SMASHES DOWNTIME AND COSTS FOR AGGREGATE AND CONCRETE COMPANY

CHALLENGE

Coarse, fine aggregate plus water leads to build-up.

These are some of the harsh conditions an aggregate and ready mix concrete company faces with its conveyors.

A competitor's bearings on the conveyors failed prematurely. It forced the company to stop its processes to repair and replace the bearings, causing unexpected downtime and extra costs.

TIMKEN SOLUTION

A Timken distributor recommended Timken® Type E tapered roller bearing housed units and spherical roller bearing solid-block housed units with end cover options to replace the competitor's products.

RESULTS THAT MATTER

The Timken bearings have performed well in the conveyor's highly contaminated environment, doubling the runtime before failure of former competitor bearing in the conveyor application. Thanks to the distributor's suggestion, the company is buying fewer bearings than it ever has before and some plants have cut their annual bearing spend in half.



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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.