



**MAXAM® BEARINGS**

*The Problem Solver*

## MAXAM® Minute Vol. 7



Since its inception about 40 years ago, **MAXAM®** Bearing has been a specialty bearing which was considered a '**Problem Solver**'.

A conveyor design and manufacturing company were seeking a solution for on-going bearing issues in a 'drag' conveyor that was installed at a Midwest steel mill. The conveyor was used in a collection pit where swarf was accumulated and disposed of.

Because of the fact that the conveyor bearings were submerged and being exposed to very coarse material, they were typically being destroyed within three months, and some as little as two months. Due to the location of the conveyor, it was nearly impossible to provide regular lubrication. The conveyor company had been trying to find solutions and tried various bushings including Graphalloy and bronze. None held up.

The maintenance manager of the steel mill suggested that they try **MAXAM®**. The conveyor company reached out to their bearing distributor to learn about **MAXAM®**. After hearing that **MAXAM®** was specifically designed for such harsh applications, where water and coarse contaminants were issues.

The conveyor company, which was intent on finally solving this problem, installed four **MAXAM®** two-piece plain bearings. After three months, during a planned maintenance shutdown, they inspected the **MAXAM®** bearings and discovered that they showed no wear whatsoever. **Problem solved!!**

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