

# BELZONA REPAIRS BEARING HOUSING

ID: 195

**Industry:** General Industry

**Customer Location:** Cement manufacturer in Pennsylvania, U.S.A.

**Application:** MPT-Mechanical Power Transmission

**Application Date:** August 1999

**Substrate:** Cast steel

**Products:** \* Belzona® 1111 (Super Metal) ,  
\* Belzona® 9411 (Release Agent) ,

## Problem

Lubrication system failed and caused severe damage to bearing housing.



## Photograph Descriptions

- \* Cement kiln ,
- \* Surface preparation of housing with new bushing to be used as former in foreground ,
- \* Bushing in place with Belzona® 1111 (Super Metal) ,
- \* Reformed bearing housing ,

## Application Situation

Cement kiln-trunion bearing housing

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

A new housing costs \$25,000 with a lead time of five weeks. Each day of downtime cost approximately \$160,000 in lost production.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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