

Belzona Rebuilds a Damaged Bearing Housing

ID: 6321

Industry: General Industry
Application: MPT-Mechanical Power Transmission

Customer Location: British Columbia, Canada
Application Date: March 2015

Substrate: Cast Iron
Products: * Belzona 1111 (Super Metal) ,

Problem

Bearing had seized due to the lack of lubrication. This caused it to spin loose and erode away the metal on the bottom of the housing



Photograph Descriptions

- * The bearing housing had worn oversize because of lacking of lubrication. The eroded area was prepared by using a Bristle Blaster ,
- * The worn area was rebuilt with a thin layer of Belzona 1111 ,
- * A new housing was pressed into place and the Belzona material allowed to set up before the component was reinstalled. ,

Application Situation

A bearing housing.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-7. The damaged areas were cleaned using a bristle blaster. Then the repair areas were rebuilt with Belzona 1111. A new housing were inserted into place.

Belzona Facts

Rebuilding the housing in this manner allowed the plant to use the existing housing and stock bearing, eliminating the need to machine the housing to oversize the procure a new bearing set.

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

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