

BELZONA REPAIRS SHAFT FROM CRUSHER

ID: 1427

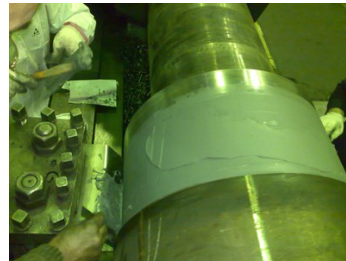
Industry: General Industry
Application: MPT-Mechanical Power Transmission

Customer Location: Non-metallic Materials Industry, Russia
Application Date: December 2009

Substrate: Steel
Products: * Belzona® 1111 (Super Metal) ,

Problem

Failure of bearing caused it to spin on the shaft causing it to wear undersize.



Photograph Descriptions

- * General view of the eccentric shaft of crusher ,
- * Area before the application ,
- * After surface preparation application of Belzona® 1111 ,
- * Completed application ,

Application Situation

Shaft of 4.6 m length and weighing 7,2 tonnes from crusher which is critical part of the minerals plant.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Shaft was turned down 1.5mm undersize and left with coarse thread before being rebuilt with Belzona® 1111 followed by machining back to original diameter.

Belzona Facts

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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BELZONA®
Repair • Protect • Improve

Complete repair was carried out within 2 days. Customer avoided loss of production and saved considerable monies when compared with alternative methods.

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