

# BELZONA REPAIRS SHAFT FROM CRUSHER

ID: 1427

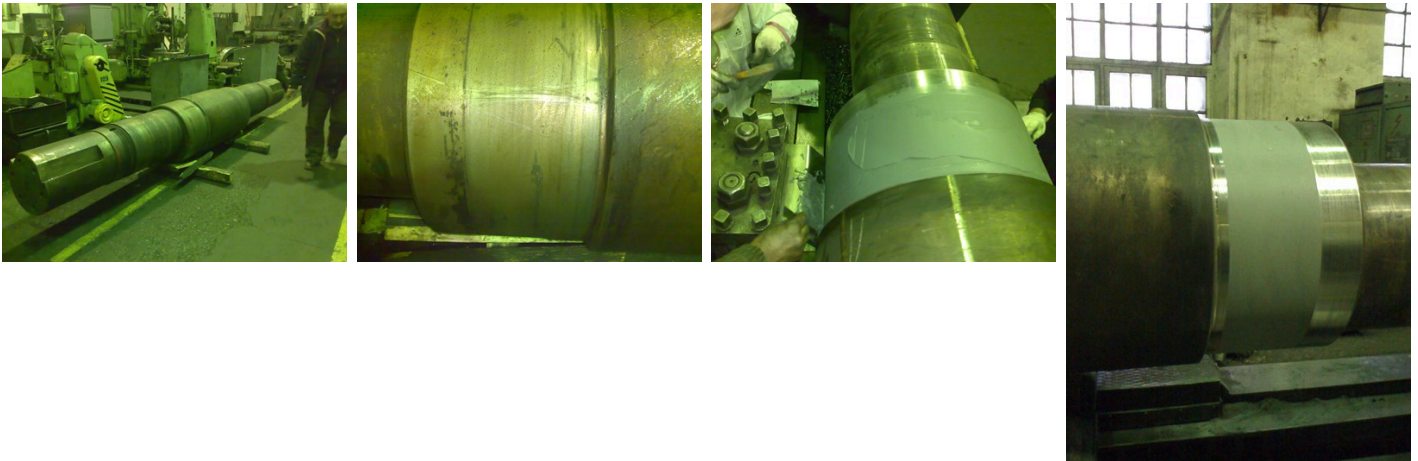
Industry: General Industry  
Application: MPT-Mechanical Power Transmission

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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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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|                |                           |
|----------------|---------------------------|
| ISO 9001:2015  | Belzona products are      |
| FS 695214      | manufactured under an ISO |
| ISO 14001:2015 | 9000 Registered Quality   |
| EMS 695213     | Management System.        |

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