

# BELZONA REPAIRS A DAMAGED SHAFT

ID: 5324

Industry: *Mining & Quarrying*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *MO, USA*  
Application Date: *April 2011*

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

## Problem

*During the bearing replacement on the rock crusher of this large quarry operation, it was noted that the shaft had been worn undersized.*



## Photograph Descriptions

- \* Overview of the Plant ,
- \* Rock crusher platform ,
- \* Damaged rock crusher shaft ,
- \* Completed application on the shaft ,

## Application Situation

Rock crusher shaft.

## Application Method

A trained machine shop fabricated a split former to exact dimensions and the shaft was quickly repaired in-situ with Belzona 1111. The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

## Belzona Facts

The plant in outage and the annual inspection of the rock crusher revealed that the shaft needed to be rebuilt with Belzona. This standard repair was easily accomplished by the in-house maintenance crew under the supervision of the Belzona Technical Consultant, with tremendous savings in time and money.

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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