

# BELZONA REPAIRS A DRAGSHAFT

ID: 4883

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

Customer Location: *Mining Industry, USA*  
Application Date: *October 1997*

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

## Problem

*Worn shaft due to bearing failure*



## Photograph Descriptions

- \* Initial damage ,
- \* Surface Preparation ,
- \* Molding Belzona 1111 ,
- \* Complete application ,

## Application Situation

Dragshaft repair with an interference fit of 0.005-0.008"

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-10. A mold was made at a local machine shop, clamping on the seal surface and utilizing the window between the bearings as the second locator point.

## Belzona Facts

Shaft repairs of any size can be molded in place, thus reducing downtime. Savings to the client was estimated to be around \$350,000.

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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manufactured under an ISO  
9000 Registered Quality  
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