

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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