

# BELZONA SAVES REPLACEMENT COSTS

ID: 216

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

Customer Location: *Quarry in Germany*  
Application Date: *November 1999*

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

## Problem

*The ends of the shaft were worn due to play in the joint.*



## Photograph Descriptions

\* The power unit The damaged shaft Application of the Belzona® 1111 underway The completed repair ,

## Application Situation

Universal joint between power unit and trailer of articulated earth mover.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-1.

## Belzona Facts

The Belzona repair saved replacement costs estimated at \$7,250 plus delays in sourcing the parts. The Belzona repair allowed the equipment to continue in service with minimal interruption to production.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve

Copyright © Belzona International Limited 2025