

BELZONA BRINGS EXCAVATOR BACK TO SERVICE IN 1 DAY

ID: 4869

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

Customer Location: *Salt mine, Germany.*
Application Date: *November 2009*

Substrate: *Steel*
Products: ** Belzona 1821 (Fluid Metal),*

Problem

The severe conditions of corrosion and abrasion in the mine caused loss of metal in the articulated coupling, which resulted in reduced service life of the component.



Photograph Descriptions

- * Excavator shovel before the application ,
- * Injection of Belzona 1821 ,
- * Final application ,
- * Bearing back to service ,

Application Situation

Excavator shovel at salt mine

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-2. Belzona 1821 was injected into former to create required shaft diameter.

Belzona Facts

The complete removal of the coupling for its replacement would have taken time and money, since the support plates would have needed to be stripped down. The Belzona molding technique offered on site repair solution taking only 1 day to be completed. This significantly extended the service life of the coupling and allowed production to continue with minimal downtime.

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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