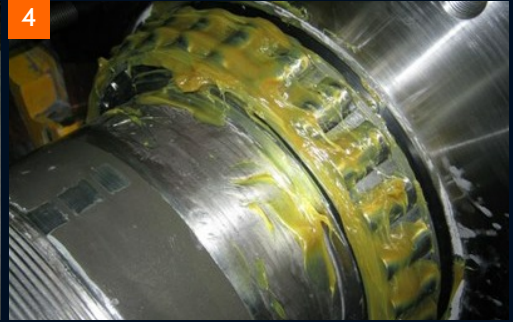


BELZONA BRINGS EXCAVATOR BACK TO SERVICE IN 1 DAY

ID: 4869



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.

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.

INDUSTRY

Mining & Quarrying

LOCATION

Salt mine, Germany.

APPLICATION DATE

November 2009

PRODUCTS

Belzona 1821 (Fluid Metal)

SUBSTRATE

Steel

PHOTOS

1. Excavator shovel before the application
2. Injection of Belzona 1821
3. Final application
4. Bearing back to service

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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