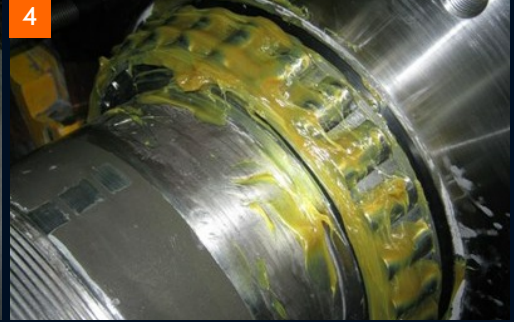


SCOOP TRAM WITH DAMAGED PIN BEARING BACK IN SERVICE WITH BELZONA AFTER ONE DAY

ID: 4188



PROBLEM

The severe corrosive and abrasive service conditions had led to metal loss on the articulated joint bearing pin, resulting in a relatively short life of the component.

APPLICATION SITUATION

Scoop tram operating in salt mine.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-2.

BELZONA FACTS

Dismantling the pin housing for replacement would have been very time consuming and costly as the entire backing plate would have had to be detached. The Belzona forming technique not only allowed for the repairs to be completed in-situ after just one day but also significantly extended the life expectancy of the scoop tram bearing pin.

INDUSTRY

Mining & Quarrying

LOCATION

Salt mine, Germany

APPLICATION DATE

November 2009

PRODUCTS

Belzona 1821 (Fluid Metal)

SUBSTRATE

Steel

PHOTOS

Scoop tram before application Injection of the Belzona material Completed application After reassembly of the bearing

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

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