BELZONA REPAIR TO PIVOT PINS OF MILL

ID: 1057

Industry: General Industry Customer Location: Ceramic tile manufacturer, Slovakia

Application: MPT-Mechanical Power Transmission Application Date: 2004, 2005 & 2006

Substrate: Steel

Products: Belzona® 1111 (Super Metal)

Problem

The two pivot pins supporting the crusher are damaged due to loading and working environment.









Photograph Descriptions

* An overall view on the mill , * An example of the excessive damage of the pins , * Belzona® 1111 ready to be machined , * The pivot pin prepared for operation ,

Application Situation

The 70 ton mill is crushing raw materials for the production of tiling and facings.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Hand portable lathe was used to machine the pivot pins.

Belzona Facts

The traditional repair using welding and subsequent grinding of the pivot pins took 5 weeks. The repair using Belzona took 3 days, resulting into significant savings.

