

BELZONA REFITS CRUSHER BEARING

ID: 995

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

Customer Location: Limestone quarry, Silex, MO
Application Date: Summer 1996

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

Problem

Perfect fit required onto rough shaft to avoid premature failure. Previous repair with "competitor" failed.



Photograph Descriptions

* Overall view of the crusher Damaged journal Belzona® 1111 applied on the journal Finished bearing refit ,

Application Situation

New 12" dia. bearing had to be fitted to worn shaft on crusher

Application Method

Application carried out in accordance with the Belzona Know-How System Leaflet MPT-7. The bearing was heated to 250°F. Belzona® 1111 was applied around the journal and the hot bearing quickly slid into place.

Belzona Facts

The alternative was at least a 30 day (and lost production) wait for a new shaft during the peak season. Follow up in February 2008, the repair is still holding up.

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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