

CLASSIC PIN-HOUSING REPAIR WITH BELZONA

ID: 419

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

Customer Location: *Coal mine in Macedonia*
Application Date: *December 2003*

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

Problem

Fretting and wear caused ovality of the bush housing due to the high forces transmitted through the pins.



Photograph Descriptions

* The damaged housing Belzona® 1111 applied and the new bushes located in the correct place by a pin between the housings The completed repair ,

Application Situation

Bush housing on excavator shovel

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-8. The surface was prepared by grinding and new steel bushes bonded into place. In order to ensure the bushes were in the correct position, a dummy pin was used to locate the bushes.

Belzona Facts

The application was completed within a day and involved no heat which could have damaged the large metal excavator shovel.

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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