

CLASSIC PIN-HOUSING REPAIR WITH BELZONA

ID: 419



PROBLEM

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

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.

INDUSTRY

Mining & Quarrying

LOCATION

Coal mine in Macedonia

APPLICATION DATE

December 2003

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

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

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