

# BELZONA REBUILDS LOADER PIN BUSH HOUSING

ID: 1230

Industry: *General Industry*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Metals Recycling Facility, Missouri U.S.A.*  
Application Date: *April 2008*

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

## Problem

*Wear in the pin bush housings. Conventional welding required the loader to be out of service too long.*



## Photograph Descriptions

\* Damaged pin bush housing , \* Surface preparation complete , \* Dummy shaft installed to maintain alignment , \* Finished and ready for service ,

## Application Situation

Pin bushing in Komatsu Loader. The specific bushings are where loader arms connect to the loader body.

## Application Method

Repairs were completed in accordance with Belzona Know How System Leaflet MPT-8.

## Belzona Facts

Repairs were completed for 1/10th the cost of welding/line boring and was returned to service the next day! The Belzona Technical Consultant was on site to provide training and oversight of the repair to the customers maintenance crew. The customer plans to continue to use Belzona and save on this common repair!

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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9000 Registered Quality  
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