

# BELZONA REPAIR WORN CATERPILLAR FRONT LOADER ARMS

ID: 667

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

Customer Location: *Separation Mine, Skopje, Macedonia*  
Application Date: *November 2005*

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

## Problem

*The pivot points for the buckets hydraulic rams had become very worn and were no longer serviceable.*



## Photograph Descriptions

- \* Caterpillar front loader ,
- \* Close up of the damage ,
- \* Repair in progress ,
- \* Finished repair ,

## Application Situation

Caterpillar front loader bucket arms

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-8.

## Belzona Facts

The Belzona repair was chosen because it was easier, cheaper and faster than conventional methods (welding or replacement) ensuring that the front loader was back into service very much quicker and at a fraction of the cost of replacing the arms.

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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