

# BELZONA REBUILDS WORN HOUSING

ID: 4784

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

Customer Location: *Concrete Plant, New Brunswick, Canada*  
Application Date: *August 2009*

Substrate: *Cast iron*  
Products: *\* Belzona 1111 (Super Metal) ,*  
*\* Belzona 9411 (Release Agent) ,*

## Problem

*Worn pin bush housing of the loader*



## Photograph Descriptions

- \* This Case front end loader had a worn bushing located in the rear walking beam. ,
- \* The worn bushing was prepared with a die grinder to provide a good bonding surface ,
- \* The new pin was coated with Belzona 9411 before it was reset into Belzona 1111 Super Metal. ,

## Application Situation

Pin bush housing of a loader used to transport aggregate at a cement plant.

## Application Method

Application was carried out in accordance a modified version of Belzona Know-How System Leaflet MPT-1.

## Belzona Facts

Rebuilding the housing conventionally would have required the yard to dismantle the equipment and then ship it to a suitably sized machine shop for welding and line boring making for an expensive repair. This Belzona repair incurs a fraction of the downtime normally associated with these types of repairs saving enormous amount of money.

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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