

# BELZONA RESETS BUSHINGS ON P&H SHOVEL

ID: 5276

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

Customer Location: BC, Canada  
Application Date: 1992

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

## Problem

The 16 inch diameter bores on the final drive of this P&H Shovel were badly worn.



## Photograph Descriptions

- \* P&H Shovel. ,
- \* General view of disassembled P&H Shovel drive unit. ,
- \* New bushings coated with Belzona 9411. Prior to insertion oil and grease channels are filled with a firm paraffin wax to ensure they do not get blocked. Once set, the area is heated to soften the wax so that it can be pumped out with new grease. ,
- \* Completed application. ,

## Application Situation

Worn bushings on P&H Shovel.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-1.

## Belzona Facts

This repair remained in service until the closing of the Shirley Basin Uranium Mine. Estimated savings in downtime and replacement costs were \$125,000.00.

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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