

# BELZONA REPAIRS SHAFT QUICKLY AND EFFECTIVELY

ID: 3123

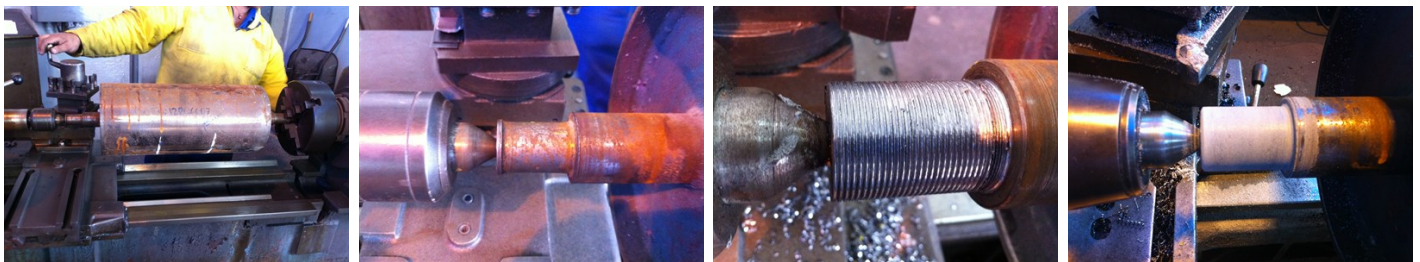
Industry: Steel & Metal Processing  
Application: MPT-Mechanical Power Transmission

Customer Location: Aluminium producer, Brazil  
Application Date: June 2011

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

## Problem

Lubrication failed and the bearing wore the shaft creating vibration. The equipment had to be stopped and the shaft repaired.



## Photograph Descriptions

- \* The roller mounted in the lathe ,
- \* The damaged shaft end ,
- \* Shaft prepared by rough machining ,
- \* Belzona 1111 machined back to required diameter ,

## Application Situation

Conveyor roller.

## Application Method

The repair was carried out in accordance with Belzona System Leaflet MPT-1. The required shaft diameter was restored using machining method.

## Belzona Facts

The Belzona repair reduced the plant downtime. The lathe operator was able to complete the entire repair by himself. There was no need for welder or special equipment.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
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