

# BELZONA REBUILDS BEARING SURFACE ON PAPER MACHINE DRIVE

ID: 683

Industry: *Pulp & Paper*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Pulp & Paper Operation, BC, Canada*  
Application Date: *2001*

Substrate: *Steel*  
Products: *\* Belzona® 1321 (Ceramic S Metal),*

## Problem

*The worn bearing fit on the paper machine drive was causing gear lash problems.*



## Photograph Descriptions

- \* The bearing fit area ground to provide a rough surface and degreased with Belzona® 9111 ,
- \* The mold was positioned carefully before injecting Belzona® 1321 (Ceramic S Metal) ,
- \* The mold removed, revealing a perfectly formed new bearing surface ,

## Application Situation

Bearing fit on paper machine drive

## Application Method

Application carried out in accordance with Belzona Know-How System Leaflet MPT-7.

## Belzona Facts

There is a long and successful history of using this type of repair procedure in these facilities without any failures. This application also saves a great deal of downtime as there is no need to disassemble the housing.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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