# BELZONA SAVES THIS COMPANY LOST PRODUCTION TIME AND MAINTENANCE COSTS

ID: 308

Industry: Pulp & Paper Customer Location: International Papermill in Mississippi,

USA

Application: MPT-Mechanical Power Transmission Application Date: 1994

Substrate: Steel

Products: \* Belzona® 1111 (Super Metal),

**Problem** 

A controlled crown roller, abbreviated as a cc roll, bends the shell against a very sturdy through shaft during calendering.









## **Photograph Descriptions**

- \* Damage through shaft-male,
- \* Damage through shaft-female,
- \* Male component being machined,
- \* Finished female component,

# **Application Situation**

A controlled crown roller through shaft.

## **Application Method**

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Both mating surfaces were prepared in the lathe and rebuilt with Belzona® 1111 (Super Metal). Tolerances were maintained by machining with a carbide tipped tool.

#### **Belzona Facts**

A German manufacturer as well as an American one make this equipment. The exact load distribution determines the quality of the finished paper.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

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FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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