

BELZONA RECLAIMS A SHAFT AFTER A BEARING FAILURE DAMAGED BOTH ENDS

ID: 309

Industry: *Pulp & Paper*

Customer Location: *Abitibi Price Paper Mill in Ontario, Canada*

Application: *MPT-Mechanical Power Transmission*

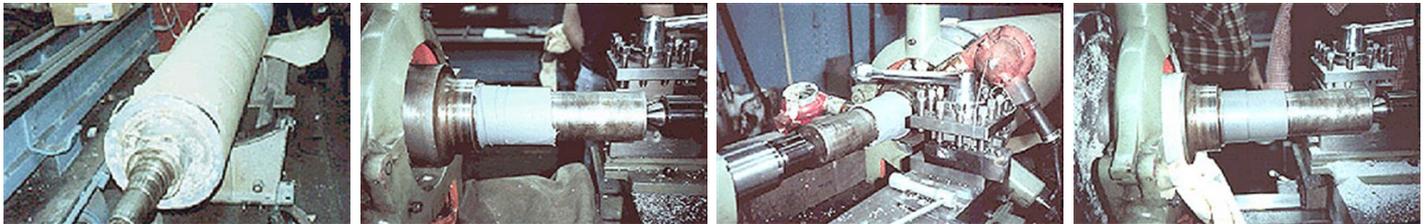
Application Date: *1988*

Substrate: *Steel*

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

Problem

A hydraulic press on either end of an embossing roller is used to control appropriate operating pressure, caused premature bearing failure, damaging both ends of the shaft.



Photograph Descriptions

- * Scored shaft of an embossing roller ,
- * Application of Belzona® 1111 (Super Metal) ,
- * Accelerating the cure using a heat gun ,
- * Rebuilt bearing surface and shoulder using lathe ,

Application Situation

Both bearing surfaces of an embossing roller shaft.

Application Method

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

Belzona Facts

This is a good illustration of proper machining techniques as well as acceleration of cure using heat guns placed at the appropriate distance from the shaft. The shaft must be cooled down before final machining to maintain tolerances.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com


BELZONA
Repair • Protect • Improve