

BELZONA RECLAIMS A SHAFT AFTER A BEARING FAILURE DAMAGED BOTH ENDS

CUSTOMER

Abitibi Price Paper Mill in Ontario, Canada

APPLICATION DATE

1988

APPLICATION SITUATION

Both bearing surfaces of an embossing roller shaft.

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.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

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

BELZONA FACTS

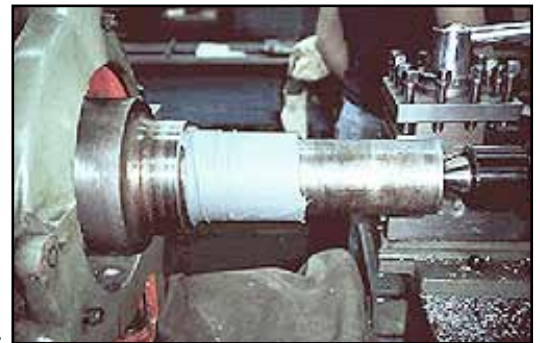
This is a good illustration of proper machining techniques as well as acceleration of cure using heat guns placed at the appropriate distance from the shaft. The shaft must be cooled down before final machining to maintain tolerances.

PICTURES

1. Scored shaft of an embossing roller
2. Application of Belzona® 1111
3. Accelerating the cure using a heat gun
4. Rebuilt bearing surface and shoulder using lathe



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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