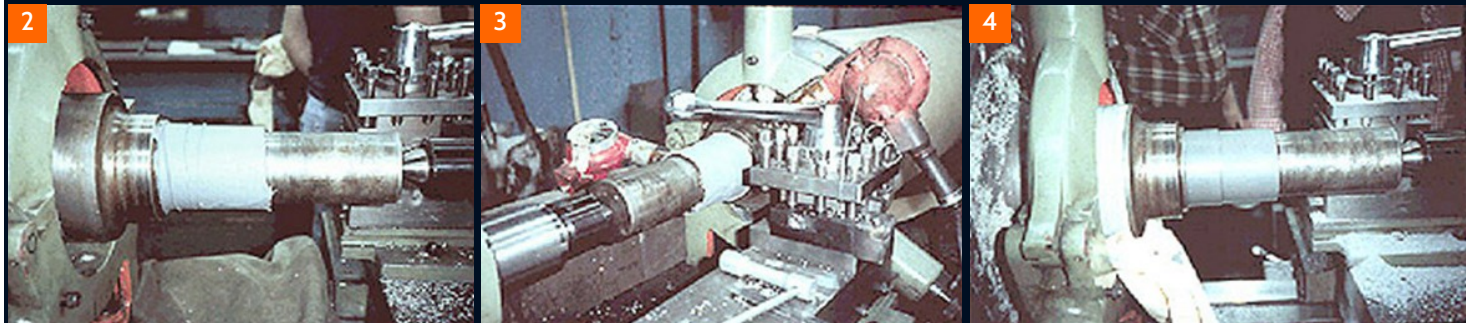


BELZONA RECLAIMS A SHAFT AFTER A BEARING FAILURE DAMAGED BOTH ENDS

ID: 309



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.

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.

INDUSTRY

Pulp & Paper

LOCATION

Abitibi Price Paper Mill in Ontario, Canada

APPLICATION DATE

1988

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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