Know-How *in Action*

Vol.XVI No.32

BELZONA SAVES THIS COMPANY LOST PRODUCTION TIME AND MAINTENANCE COSTS

CUSTOMER
International Papermill in Mississippi, USA

APPLICATION DATE
1994

APPLICATION SITUATION
A controlled crown roller through shaft.

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

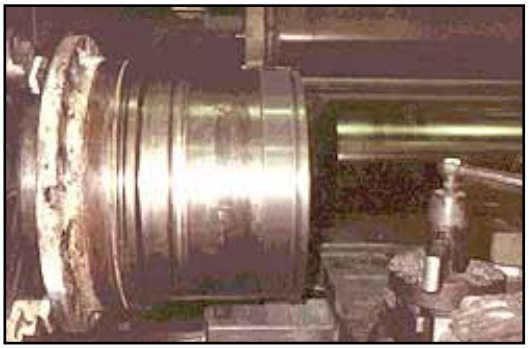
PRODUCTS
Belzona® 1111 (Super Metal)

SUBSTRATE
Steel

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.Tolerances were maintained by machining with a carbide tipped tool.

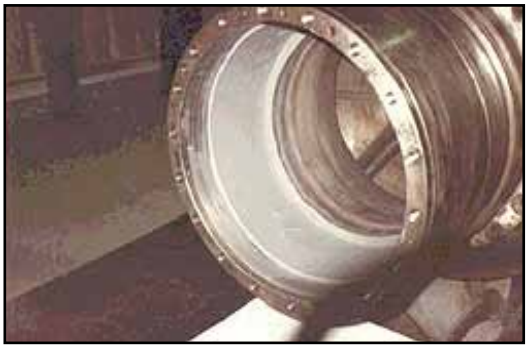
BELZONA FACTS
A German manufacturer as well as an American one make this equipment. The exact load distribution determines the quality of the finished paper.

PICTURES
1. Damage through shaft-male
2. Damage through shaft-female
3. Male component being machined
4. Finished female component

1.


2.

3.

4.


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

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

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