

BELZONA RESTORES BEARING HOUSING TO LIKE-NEW CONDITION

CUSTOMER

Paper Mill in Japan

APPLICATION DATE

1997

APPLICATION SITUATION

A bearing housing from the winder section of a paper machine used to support and provide tension to the reels of paper.

PROBLEM

This winder bearing housing suffered mechanical damage from vibration, foreign substances and irregular rotational motion.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-6. Applied by hand and machined to tolerances.

BELZONA FACTS

Belzona® 1111 was machined to form a perfect cylindrical bearing surface while maintaining the lubrication seal. The flange mounting was also rebuilt and machined for a secure mating surface to the paper machine framework. The winder section of the paper machine must run continuously and reliably in order for the mill to remain profitable.

PICTURES

1. Surface preparation of bearing housing
2. View of damaged flange mounting
3. The bearing housing is ready for service



1.



2.



3.

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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