

BELZONA RESTORES BEARING HOUSING TO LIKE-NEW CONDITION

ID: 280



PROBLEM

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

APPLICATION SITUATION

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

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 (Super Metal) 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.

INDUSTRY

Pulp & Paper

LOCATION

Paper Mill in Japan

APPLICATION DATE

1997

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

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

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

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