# 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

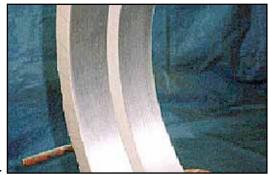
The application was carried out in accordance with Belzona Know-How System Leaflet MPT-6. Applied by hand and machined to tolerances.

# **BELZONA FACTS**

Belzona® 1111 was machined to form a perfect cylindrical bearing surface while maintaining the lubrication seal. The flange mount-ing 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**

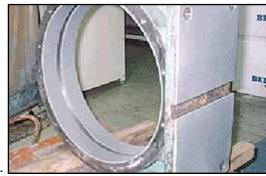
- 1. Surface preparation of bearing housing
- View of damaged flange mounting
- The bearing housing is ready for service













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

