

BELZONA EXTENDS THE LIFE OF THIS TRUNION END BEARING

ID: 281



PROBLEM

The lubrication system failed on the trunion end bearing on a 4-ton lime kiln, wearing through the entire bronze liner and into the cast iron pillow block.

APPLICATION SITUATION

Trunion end bearing for a 40-ton lime kiln.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-7. Side shields, C-clamps and infrared lights were used to speed up the cure time.

BELZONA FACTS

The cost of a new cast iron trunion is approximately \$20,000. Replacement of a new trunion was considered, but weeks of procurement time eliminated that possibility because the lime kiln was shut down. The pro-file was restored by using Belzona® 1111 (Super Metal).

INDUSTRY

Pulp & Paper

LOCATION

Pulp Mill in Alberta, Canada

APPLICATION DATE

1996

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Pillow block damage evident
2. Trial fit of new bronze liner
3. Rebuilt cast iron using a forming technique

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

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