

BELZONA EXTENDS THE LIFE OF THIS TRUNION END BEARING

ID: 281

Industry: Pulp & Paper
Application: MPT-Mechanical Power Transmission

Customer Location: Pulp Mill in Alberta, Canada
Application Date: 1996

Substrate: Cast Iron
Products: * Belzona® 1111 (Super Metal) ,

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.



Photograph Descriptions

- * Pillow block damage evident ,
- * Trial fit of new bronze liner ,
- * Rebuilt cast iron using a forming technique ,

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).

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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