

BELZONA EXTENDS THE LIFE OF THIS TRUNION END BEARING

CUSTOMER

Pulp Mill in Alberta, Canada

APPLICATION DATE

1996

APPLICATION SITUATION

Trunion end bearing for a 40-ton lime kiln.

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.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Cast Iron

APPLICATION METHOD

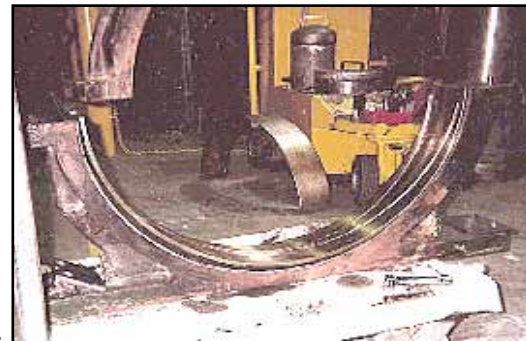
The application was carried out in accordance with Belzona Know-How System Leaflet MPT-7. Side shields, C-clamps and infrared lights were used to speed up the cure time.

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.

PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

UK • USA • Canada • China
www.belzona.com


BELZONA®
Repair • Protect • Improve