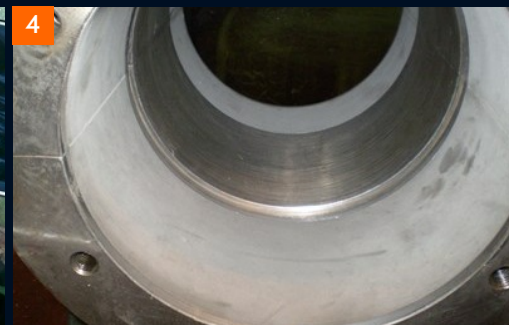


LARGE GEARBOX RESTORED WITH BELZONA

ID: 1719



PROBLEM

Wear in the bearing housing was causing vibration.

APPLICATION SITUATION

Large gearbox used in production of steel plate.

APPLICATION METHOD

Repairs were completed in accordance with Belzona Know-How System Leaflet MPT-6. Accurate measurements were taken to enable machining to be done in-situ to an accuracy of $\pm 0.03\text{mm}$.

BELZONA FACTS

Conventional welding required the gear box to be out of service too long. Belzona method achieved exact alignment ensuring smooth performance of the gearbox.

INDUSTRY

General Industry

LOCATION

Steel Plant, Kosice, Slovakia

APPLICATION DATE

2006

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Damaged bearing housing before reconstruction
2. Accurate measuring for alignment was a key feature of the process
3. Machining after Belzona application
4. Completed application ready to work

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

