

## LARGE GEARBOX RESTORED WITH BELZONA

### CUSTOMER

Steel Plant, Kosice, Slovakia

### APPLICATION DATE

2006

### APPLICATION SITUATION

Large gearbox used in production of steel plate.

### PROBLEM

Wear in the bearing housing was causing vibration.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Steel

### 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.

### PICTURES

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 <http://khia.belzona.com>



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

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