

## BELZONA REPAIRS GEAR BOX OF DREDGER

### CUSTOMER

Dredger, Egypt

### APPLICATION DATE

August 2006

### APPLICATION SITUATION

Gear Box of dredger cutter shaft.

### PROBLEM

Bearing housing of the gear box was badly worn due to bearing failure.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Cast Iron

### APPLICATION METHOD

Application was carried out in accordance with modified version of Belzona Know-How System Leaflet ENC-3a.

### BELZONA FACTS

Belzona successfully repaired the bearing housing insitu without machining which would have been difficult due to the large size of the gearbox.

### PICTURES

1. View of the dredger cutter shaft gear box
2. Worn out bearing housing
3. Form was applied, then Belzona injected through the former
4. Gear box bearing housing perfectly rebuilt



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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