

# BELZONA REPAIRS GEAR BOX OF DREDGER

ID: 808

Industry: Marine  
Application: ENC-Engines and Casings  
Substrate: Cast Iron  
Products: Belzona® 1111 (Super Metal)

Customer Location: Dredger, Egypt  
Application Date: August 2006

## Problem

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



## Photograph Descriptions

\* View of the dredger cutter shaft gear box , \* Worn out bearing housing , \* Form was applied, then Belzona injected through the former , \* Gear box bearing housing perfectly rebuilt ,

## Application Situation

Gear Box of dredger cutter shaft.

## 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.

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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