

# Belzona Remedies Damage Caused by a Broken Piston Rod

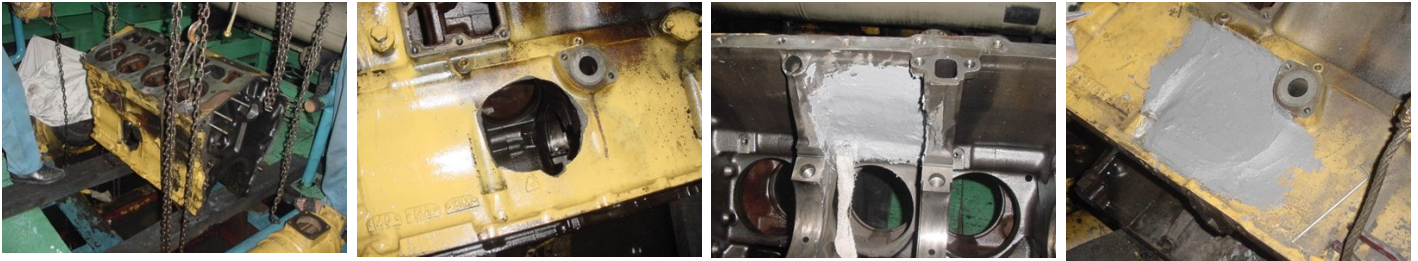
ID: 7822

Industry: *General Industry*  
Application: *ENC-Engines and Casings*  
Substrate: *Cast Iron*  
Products: *\* Belzona 1111 (Super Metal) ,*

Customer Location: *Egypt*  
Application Date: *April 2003*

## Problem

*A broken piston rod had caused damage to the engine casing, resulting in a large hole.*



## Photograph Descriptions

- \* Engine block removed and hoisted into position ,
- \* Close up of the defect ,
- \* Plate bonding with Belzona 1111 ,
- \* Completed application ,

## Application Situation

A casing of an engine.

## Application Method

Application was carried out in accordance with Belzona System Leaflet ENC-1.

## Belzona Facts

The engine functions as a propulsion system for a ship. As the engine room is a confined space with limited access, removing and replacing the engine casing was not only expensive, but logistically difficult. Welding repairs are also undesirable due to risk of fire in the engine room. Belzona was selected to carry out a cold cured repair in-situ, overall reducing the cost, down time and safety risk of the repair.

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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