

BELZONA REMEDIES DAMAGE CAUSED BY A BROKEN PISTON ROD

ID: 7822



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Egypt

APPLICATION DATE

April 2003

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Cast Iron

PHOTOS

Engine block removed and hoisted into position

Close up of the defect

Plate bonding with Belzona 1111

Completed application

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Quality Management System.

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