

BELZONA® REPAIR OF DIESEL ENGINE CASING

ID: 1054

Industry: Marine

Customer Location: Dockyard, Bulgaria

Application: ENC-Engines and Casings

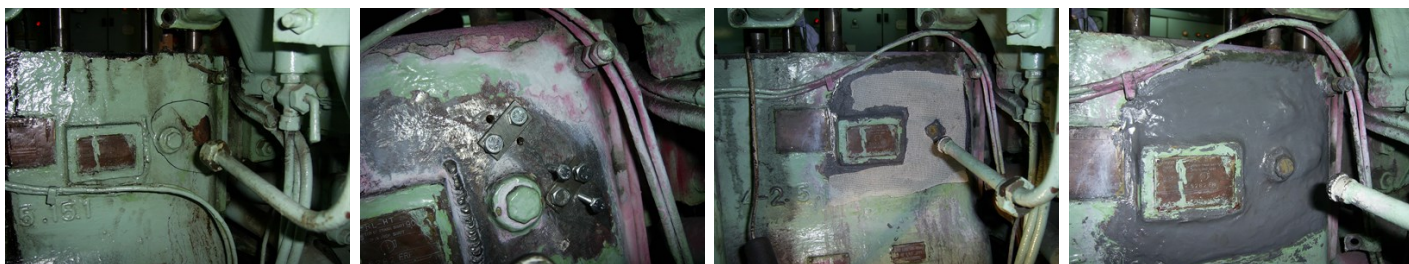
Application Date: February, 2008

Substrate: Cast Iron

Products: Belzona® 1111 (Super Metal)<div>Belzona® 1392 (Ceramic HT2) </div>

Problem

Damaged casing of the engine with leakage of cooling water from the water jacket.



Photograph Descriptions

* View of the cracked casing , * Crack terminated and metal reinforcement straps fixed , * Application of Belzona® 1111 with additional Belzona® 9341 (Reinforcement Tape) in progress , * View of the completed application ,

Application Situation

Yanmar diesel engine of electrical generator from vessel

Application Method

Application was carried out in accordance with Belzona Know-How Leaflet ENC-1. The internal surface of the casing was additionally protected with a coat of Belzona® 1392.

Belzona Facts

The conventional repair by welding was done previously without success. The welds cracked soon due to the induced stresses and brittle condition of the engine casing. All conventional repair companies refused any repair. After application and test runnings of the engine the customer was fully satisfied with the results. Belzona solution was time and cost effective and saved the customer replacement costs.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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