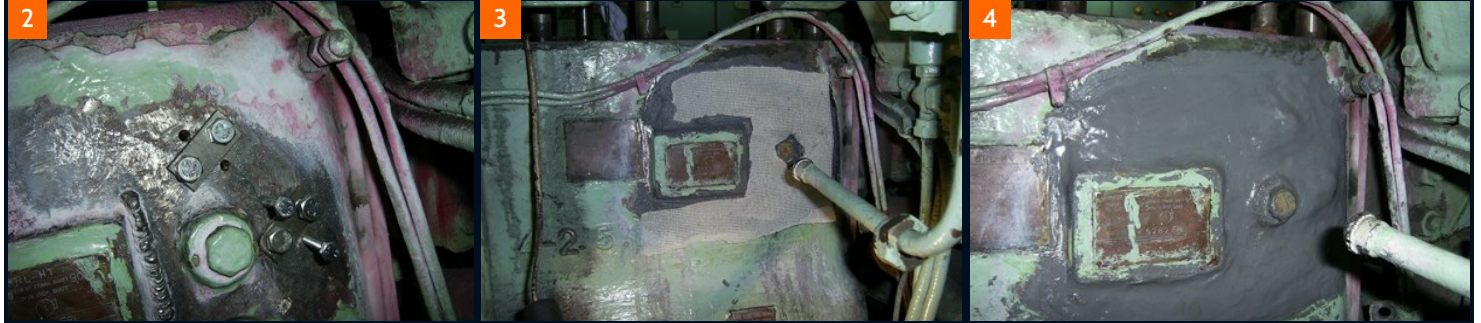


BELZONA REPAIR OF DIESEL ENGINE CASING

ID: 1054



PROBLEM

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

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.

INDUSTRY

Marine

LOCATION

Dockyard, Bulgaria

APPLICATION DATE

February, 2008

PRODUCTS

Belzona 1111 (Super Metal) Belzona 1392 (Ceramic HT2)

SUBSTRATE

Cast Iron

PHOTOS

1. View of the cracked casing
2. Crack terminated and metal reinforcement straps fixed
3. Application of Belzona 1111 with additional Belzona 9341 (Reinforcement Tape) in progress
4. View of the completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

