

BELZONA REPAIRS TO FERRY MAIN ENGINE

ID: 453

Industry: General Industry

Application: ENC-Engines and Casings

Substrate: Cast iron

Products: * Belzona® 1311 (Ceramic R-Metal) ,
* Belzona® 1391 (Ceramic HT) ,

Customer Location: Ferry operator in Egypt

Application Date: November 2003

Problem

Severe cavitation and corrosion in cylinder block bores in way of cylinder liner lands.



Photograph Descriptions

- * The severity of the cavitation clearly evident ,
- * Surface preparation underway ,
- * The Belzona® 1311 being formed to profile ,
- * Completed application with Belzona® 1391 applied to top water gallery ,

Application Situation

Main diesel engine from ferry

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet ENC-6.

Belzona Facts

Belzona® 1311 used in conjunction with formers to rebuild cavitated areas and restore profiles. Belzona® 1391 applied to coolant galleries. This is a routine repair on engine blocks as cavitation is a common problem in this area of the engine. The Belzona provides a quick effective repair without heat and provides good cavitation and corrosion resistance in the hot coolant.

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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