

BELZONA REPAIRS AND PROTECTS ENGINE BLOCK AND CYLINDER LINERS

ID: 3641

Industry: General Industry

Customer Location: German diesel engine refurbishment company

Application: ENC-Engines and Casings

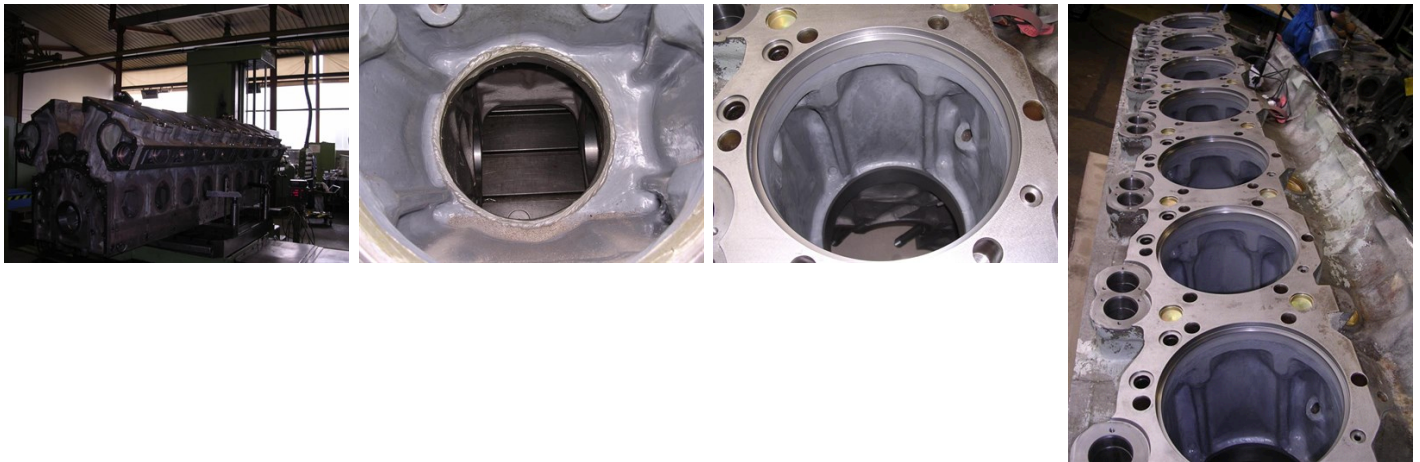
Application Date: August 2005

Substrate: Cast Iron

Products: * Belzona® 1111 (Super Metal) ,
* Belzona® 1391 (Ceramic HT) ,

Problem

Corrosion and cavitation damage in cooling water area as well as leaking O-ring sealing surfaces.



Photograph Descriptions

- * Diesel engine block prior to repair ,
- * Close-up of application area ,
- * Close-up of application area ,
- * Completed engine block application ,

Application Situation

Ship diesel engine block

Application Method

The repair to the sealing faces was carried out in accordance with Belzona Know-How System Leaflet ENC-5, using machining methods. Areas damaged by corrosion and cavitation were rebuilt with Belzona® 1111, and cooling water areas were fully coated with Belzona® 1391 in accordance with Belzona Know-How System Leaflet ENC-6.

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.

www.belzona.com


BELZONA®
Repair • Protect • Improve

Belzona Facts

The client buys discarded engines which they recondition. As a result of rebuilding the engine block with Belzona it is classed as new and not as repaired thus offering better resale value as well as improved longevity through the use of non-corroding technology.

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