

BELZONA REPAIRS TO FERRY MAIN ENGINE

ID: 453



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Ferry operator in Egypt

APPLICATION DATE

November 2003

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1391 (Ceramic HT)

SUBSTRATE

Cast iron

PHOTOS

1. The severity of the cavitation clearly evident
2. Surface preparation underway
3. The Belzona 1311 being formed to profile
4. Completed application with Belzona 1391 applied to top water gallery

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.

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