

BELZONA REPAIR TO MARINE ENGINE BLOCK

CUSTOMER

Marine repair shop

APPLICATION DATE

1992

APPLICATION SITUATION

12 Cylinder Diesel engine from ship

PROBLEM

Crankshaft Bearing shells spun in housing causing wear in the housing necessitating rebuilding before new shell bearings installed.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Cast Iron

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet ENC-3

BELZONA FACTS

Replacement crankcase would have cost in excess of \$100,000 and conventional welding repairs could not be guaranteed not to cause distortion. Belzona repairs cost \$1,500 and were completed in 3 days.

PICTURES

1. Application underway to the engine crankcase
2. Belzona® 1111 applied to housing
3. Line boring of housings underway

1.



2.



3.



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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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