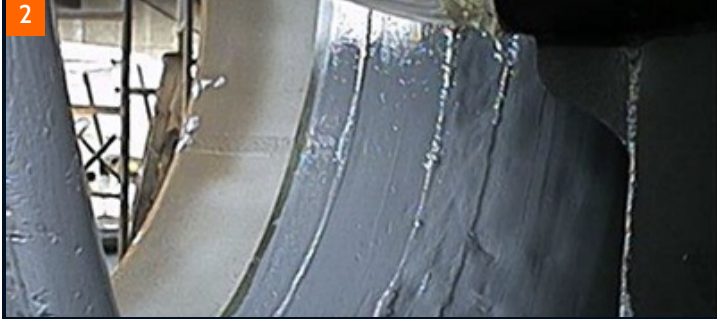
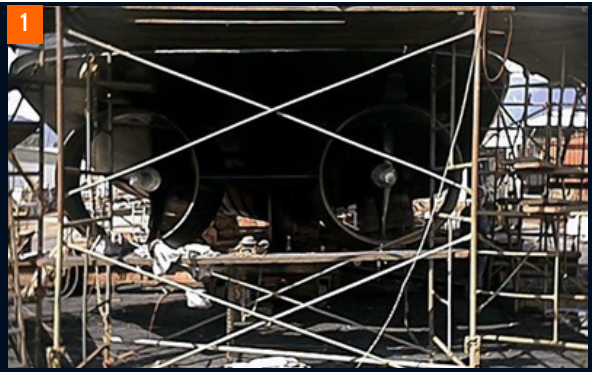


BELZONA REPAIRS AND PROTECTS ERODED TUG BOAT KORT NOZZLES

ID: 5293



PROBLEM

Bi-metallic corrosion had eroded much of the metal and welds adjoining the stainless steel insert positioned in the center of the nozzle.

APPLICATION SITUATION

Eroded tug boat kort nozzles

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets SOS-1 and SOS-2.

BELZONA FACTS

Tugs used for hauling log booms up and down the coastline. Original application had taken place in 1996. Sections of the kort nozzle had to be replaced because of excessive internal corrosion. Much of the original coating and rebuilt areas were still in good condition. The owner was happy to reapply Belzona once the new sections were in place and welding complete. Rebuilding the nozzles with Belzona 1311 eliminates excessive welding. Coating the repaired area with Belzona 1321 improves the abrasion resistance of the surfaces and eliminates bi-metallic corrosion.

INDUSTRY

Marine

LOCATION

BC, Canada

APPLICATION DATE

August 2001

PRODUCTS

Belzona 1311 (Ceramic R-Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Mild steel and stainless steel

PHOTOS

1. View of vessel in dry dock
2. Repairs to eroded and damaged areas in progress
3. 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.

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