

# BELZONA PROTECTS KEEL COOLER

ID: 4787

Industry: *Marine*  
Application: *SOS-Ships and Offshore Structures*

Customer Location: *Tug Boat Operator, BC, Canada*  
Application Date: *November 2009*

Substrate: *Steel*  
Products: *\* Belzona 1311 (Ceramic R Metal) ,*  
*\* Belzona 1341 (Supermetalgilde) ,*

## Problem

*Bi-metallic corrosion was attacking the metal surfaces of the keel cooler. The metal surface had become badly pitted.*



## Photograph Descriptions

- \* The inside of the keel cooler was showing signs of severe corrosion ,
- \* The eroded areas were rebuilt with Belzona 1311 ,
- \* Finally the entire cooler area was protected with 2 coats of Belzona 1341 ,

## Application Situation

Keel cooler of a tug boat.

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SOS-1.

## Belzona Facts

Applications of this kind have shown that the use of Belzona Ceramic Metals will protect and extend the service life of this equipment for many years saving enormous amounts of dry docking and replacement costs in the process.

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

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