

# BELZONA REPAIR ON 10,000 HP SULZER MARINE DIESEL ENGINE

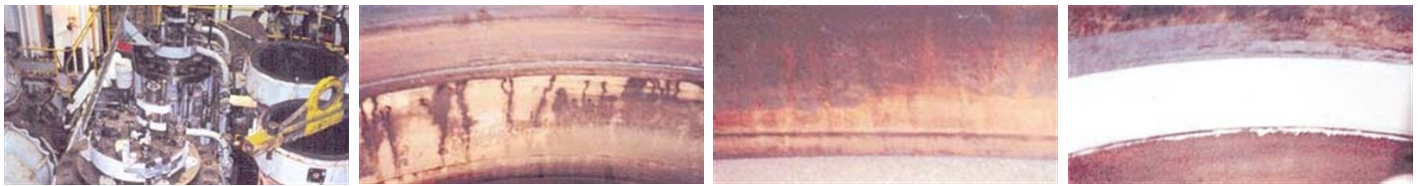
ID: 249

Industry: Marine  
Application: ENC-Engines and Casings  
Substrate: Cast Iron  
Products: \* Belzona® 1111 (Super Metal) ,

Customer Location: Shipping company in Ontario, Canada  
Application Date: February 2001

## Problem

*Pitting corrosion on engine block caused o-ring seals to leak.*



## Photograph Descriptions

- \* View of Sulzer Engine ,
- \* Close-up of pitted, corroded area on engine block ,
- \* Prepared area after machining, before Belzona ,
- \* View of machined Belzona ,

## Application Situation

Six cylinder Sulzer Diesel Engine built in 1969.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-5.

## Belzona Facts

Each cylinder is 36" in diameter, each had three corroded lands about 4" wide. Customer felt conventional weld repairs would have been too risky, and that Belzona was the only viable alternative.

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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manufactured under an ISO  
9000 Registered Quality  
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