

# BELZONA PROTECTS WET CYLINDER LINERS ON DIESEL ENGINE

ID: 1633

Industry: Power  
Application: ENC-Engines and Casings  
Substrate: Cast iron  
Products: \* Belzona® 1311 (Ceramic R Metal) ,  
\* Belzona® 1391 (Ceramic HT) ,

Customer Location: Small Power Utilities Group, Philippines  
Application Date: August, 2010

## Problem

Erosion corrosion pitting on liner bodies.



## Photograph Descriptions

- \* Pitting on the body of the wet cylinder liners ,
- \* Cylinder liner after grit blasting ,
- \* Checking the application thickness ,
- \* Some of the 24 units repaired and protected with Belzona ,

## Application Situation

24 wet cylinder liners from engine of 0.5MW diesel generator.

## Application Method

The application was carried out in accordance with Belzona System Leaflet ENC-6. Pitting was filled with Belzona® 1311 before providing overall erosion corrosion protection with Belzona® 1391 coating.

## Belzona Facts

Unavailability of replacement parts was remedied by the use of Belzona which will extend the service life of the liners.

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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