

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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