

BELZONA PROTECTS WET CYLINDER LINERS ON DIESEL ENGINE

ID: 1633



PROBLEM

Erosion corrosion pitting on liner bodies.

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.

INDUSTRY

Power

LOCATION

Small Power Utilities Group, Philippines

APPLICATION DATE

August, 2010

PRODUCTS

Belzona 1311 (Ceramic R Metal)
Belzona 1391 (Ceramic HT)

SUBSTRATE

Cast iron

PHOTOS

1. Pitting on the body of the wet cylinder liners
2. Cylinder liner after grit blasting
3. Checking the application thickness
4. Some of the 24 units repaired and protected with Belzona

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under an ISO 9001 Registered
Quality Management System.

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