

BELZONA RESTORES PERFORMANCE TO DIESEL POWERED GENERATOR

ID: 200

Industry: General Industry
Application: ENC-Engines and Casings
Substrate: Cast Iron
Products: * Belzona® 1391 ,

Customer Location: Utility in West Texas U.S.A.
Application Date: December 1999

Problem

Pitting and corrosion on water jacket side of engine block. This made it impossible for O-ring fits to seal cooling water, allowing water to leak from under heads and into piston sleeves.



Photograph Descriptions

- * Close-up of 1941 diesel powered generator ,
- * Broad view of 1941 generator ,
- * Surface preparation of water ports ,
- * Application of Belzona®1391 to the top of the engine block ,

Application Situation

Diesel engine used to run generator.

Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-6.

Belzona Facts

After application was completed, surface was sanded and filed using in-house mechanics at a cost of \$5,000 (material and labor). This was much more cost effective than \$45,000 for welding and machining the engine block.

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
Management System.

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