

ENGINE REPAIR WITH BELZONA

ID: 854



PROBLEM

Erosion/corrosion on the cylinder block behind the cylinder liners allowed engine coolant to leak into the lubricating oil causing an engine failure.

APPLICATION SITUATION

Komatsu 900 loader.

APPLICATION METHOD

Application carried out in accordance with Belzona Know-How System Leaflet ENC-6. Particular attention paid to removing entrained antifreeze before preparing surface and applying Belzona.

BELZONA FACTS

A new engine block would cost \$127,000.00. The repair used less than \$100.00 of Belzona product and was done in 4 hours.

INDUSTRY

General Industry

LOCATION

Limestone producer, Troy, MO

APPLICATION DATE

July 2007

PRODUCTS

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

SUBSTRATE

Cast Iron

PHOTOS

1. Komatsu 900 loader
2. Typical damage
3. Completed surface preparation
4. Finished repair to 1 of the 11 damaged areas

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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