

ENGINE REPAIR WITH BELZONA

CUSTOMER

Limestone producer, Troy, MO

APPLICATION DATE

July 2007

APPLICATION SITUATION

Komatsu 900 loader.

PROBLEM

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

PRODUCTS

Belzona® 1311 (Ceramic R Metal)

Belzona® 1391 (Ceramic HT)

SUBSTRATE

Cast Iron

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.

PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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