

# ENGINE REPAIR WITH BELZONA

ID: 854

Industry: General Industry

Customer Location: Limestone producer, Troy, MO

Application: ENC-Engines and Casings

Application Date: July 2007

Substrate: Cast Iron

Products: <div>Belzona® 1311 (Ceramic R Metal)</div><div>Belzona® 1391 (Ceramic HT)</div>

## Problem

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



## Photograph Descriptions

\* Komatsu 900 loader , \* Typical damage , \* Completed surface preparation , \* Finished repair to 1 of the 11 damaged areas ,

## 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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

[www.belzona.com](http://www.belzona.com)

  
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