

# BELZONA REPAIRS CRACKED ENGINE BLOCK

ID: 5269

Industry: *Transport*

Application: *ENC-Engines and Casings*

Substrate: *Cast Iron*

Products: *\* Belzona 1111 (Super Metal) ,  
\* Belzona 9341 (Reinforcing Sheet) ,*

Customer Location: *Priest River, ID, USA*

Application Date: *1992*

## Problem

*An early freeze allowed ice to crack the engine casing.*



## Photograph Descriptions

- \* JD 444 loader with cracked engine block ,
- \* Crack along the length of the engine block ,
- \* Surface preparation by grinding and inserting studs ,
- \* Completed application; Belzona 1111 seals the crack ,

## Application Situation

Cracked casing leaks antifreeze.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet ENC-1. The area was ground, studs placed every 2 inches and then covered with Belzona 1111 and Belzona 9341.

## Belzona Facts

The engine ran strong. The leaking antifreeze was the only thing stopping them from using the loader. Replacing the engine was the only alternative.

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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9000 Registered Quality  
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