

# BELZONA REPAIRS CRACK ON ENGINE BLOCK

ID: 5270

Industry: *Pulp & Paper*

Customer Location: *Idaho, USA*

Application: *ENC-Engines and Casings*

Application Date: *1992*

Substrate: *Cast Iron*

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

## Problem

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



## Photograph Descriptions

- \* JD 444 Loader with cracked engine block ,
- \* Engine showing long crack in water jacket ,
- \* Area prepared with studs in place ,
- \* Completed application ,

## Application Situation

Cracked engine 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 then covered with Belzona 1111, incorporating 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 the sawmill.

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.

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