

# BELZONA RESTORES DAMAGED CLUTCH ON DREDGER

ID: 4971

Industry: Mining & Quarrying  
Application: SHM-Solids Handling Machinery

Customer Location: Gravel pit, Croatia  
Application Date: April 2013

Substrate: Rubberized steel  
Products: \* Belzona 2211 (MP Hi-Build Elastomer) ,

## Problem

Rubberized clutch suffered damage during operation of the engine. The holes became deformed and the clutch was no longer performing as needed.



## Photograph Descriptions

- \* Damaged clutch in its original position ,
- \* Metal plates treated with Belzona 9411 and fastened to seal one side of every hole ,
- \* Filling previously prepared and conditioned holes with Belzona 2211 ,
- \* Application completed. Old holes sealed and new ones drilled ,

## Application Situation

Dredger pumping gravel and water from the bottom of the lake

## Application Method

Application was carried out in accordance with a modified version of Belzona System Leaflet SHM-9. Metal plates treated with Belzona 9411 (Release Agent) were used to form the Belzona Elastomer. Damaged holes were reformed with Belzona Elastomer before being re-drilled in new locations.

## Belzona Facts

The customer needed a quick repair because it takes a long time to obtain a new clutch that would exactly fit to the required position. The repair was performed on site. The cost of this repair was minimal in comparison to purchase and shipment price of a new clutch, especially considering the time saved.

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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

  
**BELZONA®**  
Repair • Protect • Improve