

# BELZONA REPAIRS A TIRE OF A DUMP TRUCK

ID: 5223

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

Customer Location: Mine, MG, Brazil  
Application Date: May, 2007

Substrate: Rubber  
Products: \* Belzona 2311 (SR Elastomer) ,  
\* Belzona 2211 (MP Hi-Build Elastomer) ,  
\* Belzona 2911 ( Elastomer Conditioner QD) ,

## Problem

One of the tires of the dump truck had two lateral cuts, which reached the metal mesh and may have been caused by stone impact during movement. It was necessary to repair the affected area in order to prevent the cut from expanding and the tire to become useless before the end of its useful life. Lateral cuts measured 130 mm and 500 mm in length and 40 and 60 mm in depth.



## Photograph Descriptions

- \* One of the cuts on the side of the tire ,
- \* Another cut on the side of the tire ,
- \* Application of Belzona 2311 ,
- \* Application of Belzona 2211 ,

## Application Situation

Tire of a dump truck

## Application Method

The application was conducted according to Belzona Know-How System Leaflet SHM-9. The lateral cut was opened and all the loose rubber was removed, reaching the inner liners, without exacerbating the problem. After scarification of the rubber, cleaning of the cut and application of Belzona 2911 conditioner, two repairs were made: the first one with the application of Belzona 2311 and the second one with the application of Belzona 2211.

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.

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## Belzona Facts

The Belzona repair remained adhered with excellent performance for more than 60 days (more than 1,500 hours), which was the time period requested by the client.

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