

BELZONA REPAIRS A TIRE OF A DUMP TRUCK

ID: 5223



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.

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.

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.

INDUSTRY

Mining & Quarrying

LOCATION

Mine, MG, Brazil

APPLICATION DATE

May, 2007

PRODUCTS

Belzona 2311 (SR Elastomer)
Belzona 2211 (MP Hi-Build Elastomer)
Belzona 2911 (Elastomer Conditioner QD)

SUBSTRATE

Rubber

PHOTOS

1. One of the cuts on the side of the tire
2. Another cut on the side of the tire
3. Application of Belzona 2311
4. Application of Belzona 2211

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