

BELZONA REPAIRS TIRE'S SIDEWALL

ID: 5406

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

Customer Location: Covington, VA, USA
Application Date: August 2014

Substrate: Rubber
Products: * Belzona 2311 (SR Elastomer) ,
* Belzona 2911 (Elastomer QD Conditioner) ,
* Belzona 9341 (Reinforcing Tape) ,

Problem

A tire of a front loader and a tire of a large dump truck had a cut in the sidewall rubber and a small chunk taken out of the sidewall, respectively. The tires would need to be replaced if there was no other alternative. They could remove the tire to be vulcanized, but that repair is costly and could take several days of downtime.



Photograph Descriptions

- * Completed application ,
- * Completed application ,

Application Situation

Repair of the sidewall of a front loader and a large dump truck.

Application Method

The surface area around the damage was prepared and roughened. The substrate was then conditioned with Belzona 2911. Once the conditioner dried, one coat of Belzona 2311 was applied around the damaged area. Then, Belzona 9341 was stippled before another coat of Belzona 2311 was applied.

Belzona Facts

The tire repair was easy and allowed a quick return to service, saving time and money. The cost savings was about \$10,000 per tire, which is the cost of replacement. Additionally, the downtime was only a couple of hours as opposed to days. The tires have been in

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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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heavy use for about a month and are holding up well.

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