

Damaged Conveyor Belt Rescued By Belzona.

ID: 8473

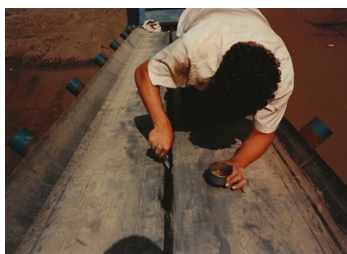
Industry: Mining & Quarrying
Application: SHM-Solids Handling Machinery

Customer Location: Quarry in the Midwestern US
Application Date: 1990

Substrate: Rubber
Products: * Belzona 2111 ,
* Belzona 2911 Conditioner ,
* Belzona 9111 Cleaner/Degreaser ,

Problem

A sharp object had caught in the screen section and gouged the almost-new belt down to the reinforcing cord. Having the interior of the belt constantly exposed to the outdoor wet environment would shorten its life. The only other alternative was a costly replacement.



Photograph Descriptions

- * 1. Undercutting and roughening the repair area ,
- * 2. Conditioning with Belzona 2911 ,
- * 3. Applying Belzona 2111 to fill the gouge. ,
- * 4. A piece, cut from the retired belt showing Belzona 2111 fully intact ,

Application Situation

Scored conveyor belt on a screen separator

Application Method

The belt was cleaned of dirt and sand. The gouged area was undercut using a utility knife and roughened using a hand roughing brush. Then it was cleaned, using a rag LIGHTLY moistened with Belzona 9111. Belzona 2911 was applied using a cut-back brush. Belzona 2111 was mixed and applied to fill the gouge.

Belzona Facts

The Belzona repair was a fraction of the cost of a new belt. On a visit to this customer some 6-7 years later he said he had recently replaced the belt as it was severely worn by the countless tons of material passed over it. When asked about the Belzona repair he

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FS 695214
ISO 14001:2015
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said it had held up well and pointed to a rolled up belt in some weeds. He allowed the removal of a piece of the old belt where it had been repaired with Belzona 2111.(see photo 4) It is now a prized sales aid. The longevity of the repair can be attributed to the excellence of Belzona 2111 and the diligence applied in prep. As you can see in the photos, the repair was begun in the afternoon and completed after the sun had set.

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