

DAMAGED CONVEYOR BELT RESCUED BY BELZONA.

CUSTOMER

Quarry in the Midwestern US

APPLICATION DATE

1990

APPLICATION SITUATION

Scored conveyor belt on a screen separator

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.

PRODUCTS

Belzona 2111

Belzona 2911 (Conditioner)

Belzona 9111 (Cleaner/Degreaser)

SUBSTRATE

Rubber

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 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.

PICTURES

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



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

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