Case Study

January 16th 2002

Vulcan Materials

Mission Valley – San Diego California.

The Problem – Critical Junction Failure

The belt damage consisted of a deep gouge along a 7foot length of a 150foot belt. Material was falling through numerous holes that had resulted. The damage was caused by age and running material with excessive weight over a belt with an idler configuration designed to handle a lighter load The belt was old but the screen was being decommissioned in 8 months time and the working life of the belt had to be extended or a new belt would have to be purchased for only 8 months. A new belt would cost approximately $3000 including installation.

The Solution

Repair the damaged area to prevent material falling through. Eli-Flex was selected for it's ease of use and the cost saving. Two kits of 150 gram Eli-Flex were used. The repair took 30 minutes in total. Total cost – $120 and 30 minutes labor. No downtime was incurred because the belt was repaired during scheduled plant maintenance.

Master Importer – America's

Distributor enquiries welcome.

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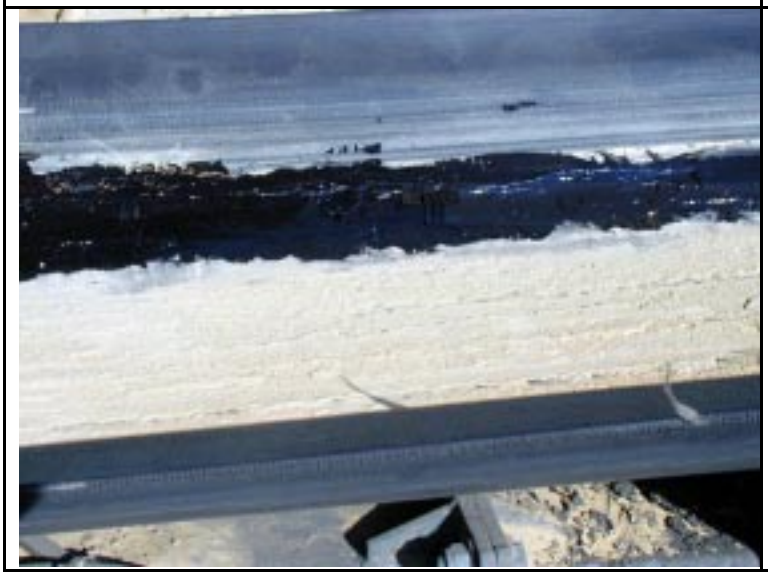
Nature of the Damage to the Belt	
	The belt damage consisted of a deep gouge along a 7foot length of a 150foot belt. Material was falling through numerous holes that had resulted.
	The damage was caused by age and running material with excessive weight over a belt with an idler configuration designed to handle a lighter load.
	Eli-Flex was applied after cleaning the belt with a firm wire brush.

	Two kits of 150 gram Eli-Flex were used. The repair took 30 minutes in total. Cost – $120
Repairing the Belt	
	The depth of the repair was approximately ½ inch so the belt was operational within three hours of the repair.