

BELZONA REPAIRS DRIVE SHAFT ON ROLLING MILL

CUSTOMER

Steel Plant, Leningrad Region, Russia

APPLICATION DATE

June 1998 and September 2010

APPLICATION SITUATION

Deteriorated drive shaft on four high rolling mill.

PROBLEM

Deteriorated shaft in gasket seating areas (6 gaskets 50-90 m wide with a diameter of 709.25 mm on each shaft) causing excessive oil consumption. Original Belzona application lasted 12 years so the customer immediately turned to Belzona again.

PRODUCTS

Belzona 1131 (Bearing Metal)

SUBSTRATE

Steel

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-1.

BELZONA FACTS

The repair was carried out in-situ, minimizing transportation and downtime associated costs. The cost of the application was significantly lower compared to traditional repair methods such as overlay welding. The Belzona repair has proved to last for 12 years since the first application in 1998, therefore, when additional maintenance was required in 2010, Belzona was the first choice for the client.

PICTURES

1. Close-up view of the damaged shaft area
2. Prepared surface for the application of Belzona 1131
3. Application of Belzona 1131
4. Completed shaft repair



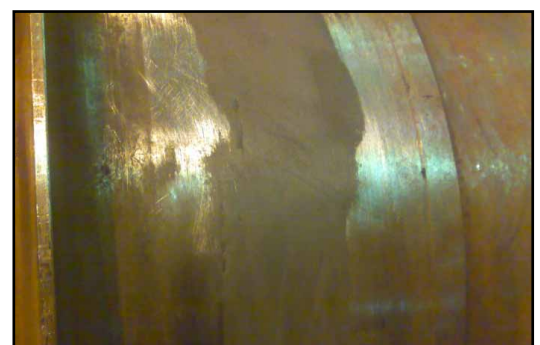
1.



2.



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



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