

BELZONA REPAIRS BEARING SADDLE SUPPORT

ID: 5209



PROBLEM

Severe metal loss from entrained solids in flowing water. During inspection, it was noted that a water screen bearing was grooved from abrasion. Upon removal for repair with Belzona 1111, it was further found that the support saddle was severely worn (3/4" +/-) under the bearing itself.

APPLICATION SITUATION

Bearing saddle support.

APPLICATION METHOD

Hand tools, such as grinder, were used to prepare the surface. A plywood former was built to provide the profile depth. The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-3b.

BELZONA FACTS

The plant has used Belzona 1111 in the shop for a variety of repairs. The superintendent was only concerned if he had enough Belzona 1111 on hand to complete the application because of the scheduled downtime.

INDUSTRY

General Industry

LOCATION

New England, USA

APPLICATION DATE

Fall 2013

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Steel

PHOTOS

1. Grooved bearing surface
2. Support saddle showing deep grooves
3. Plywood & gasket former
4. Completed application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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