

BELZONA ELASTOMER VS SAND & WATER ABRASION

ID: 852

Industry: *General Industry*

Application: *SHM-Solids Handling Machinery*

Customer Location: *Well Servicing Company / Tulsa, OK*

Application Date: *July, 2006*

Substrate: *Cast aluminum*

Products: ** Belzona® 2131 (D&A Fluid Elastomer),*

Problem

Client looking to extend life so as to minimize high downtime costs.



Photograph Descriptions

- * Typical wear from Oilwell service caused by sand/water at high pressure ,
- * New prepared slinger being wetted out with Belzona® 2131 ,
- * Mold fitted and filled, waiting cure ,
- * Final step - spin balancing ,

Application Situation

Pumping HP Sand/water slurry down a well includes a Slinger Disc which is lined with a wear material to counter the abrasion.

Application Method

A forming procedure is used to mold the Belzona. After removing from mold and trimming the disc is dynamically balanced. Procedure follows a modified Belzona Know-How System SHM-9.

Belzona Facts

Based on tests carried out by Client on Belzona vs competitor, they proceeded to spend the premium on Belzona dictated by the lengthened wear-out cycle reported from their field tests.

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

ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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