

BELZONA ELASTOMER VS SAND & WATER ABRASION

ID: 852



PROBLEM

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

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.

INDUSTRY

General Industry

LOCATION

Well Servicing Company / Tulsa, OK

APPLICATION DATE

July, 2006

PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)

SUBSTRATE

Cast aluminum

PHOTOS

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

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

