

Belzona Elastomer Vs. Sand and Water Abrasion



Typical wear from oil well 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

STATISTICS

CUSTOMER

Well Servicing Company
Tulsa, Oklahoma

APPLICATION DATE

July 2006

SUBSTRATE

Cast aluminum

PRODUCTS

Belzona® 2131
(D & A Fluid Elastomer)

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.

PROBLEM

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

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.