

## 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.