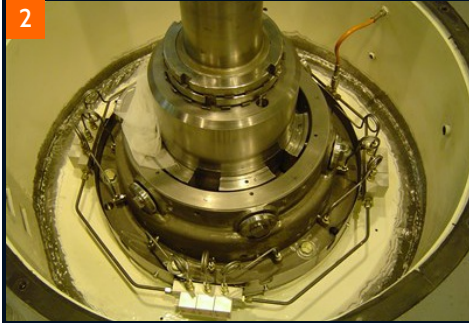


# PUMP OIL SUMP NOT ALL ITS "CRACKED" UP TO BE

ID: 910



## PROBLEM

Large oil sump for the shaft bearing at the top of the pump was experiencing cracking from harmonic vibration. As the company that produced the pump was no longer in business and available parts are difficult to find and very expensive, \$1000 of Belzona saved them over \$60,000 worth of replacement parts, labor and downtime. In addition the Belzona solution eliminated the problem from occurring again.

## APPLICATION SITUATION

7000HP Lewis Alice Motor driving a water pump with 800 cubic feet per second flow rate

## APPLICATION METHOD

The application was carried out in accordance with a modified version of the Belzona Know-How System Leaflet VPF-3.

## BELZONA FACTS

Welding would have stressed the steel causing more cracks to appear. The only way to resist vibration and contain the oil was a flexible surface.

## INDUSTRY

Water / Wastewater

## LOCATION

US Bureau of Reclamation / Farmington, NM

## APPLICATION DATE

July 2007

## PRODUCTS

Belzona 2111 (D&A Hi-Build Elastomer)

## SUBSTRATE

Steel

## PHOTOS

1. Pump Station
2. Clean, Dry and Abraded
3. Conditioner Applied
4. Application of the Belzona 2111

For more examples of Belzona Know-How in Action, please visit [khia.belzona.com](http://khia.belzona.com)

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

[www.belzona.com](http://www.belzona.com)

