



## SNAPSHOT

# BEARING FAILURES

One day it's noise...

The next it's a disaster!!!

Failure to the drive bearing  
in a 12,000 CFM Liquid  
Ring Vacuum Pump in the  
North Queensland Mining  
Industry.



*This unit, while not running,  
has estimated down time  
costs of A\$120,000 per day*

### The Repair Options

1. Remove unit and replace the shaft (1-2 weeks);
2. Repair the damaged shaft in position using Belzona and Forming Technique.

### The Repair

Needless to say Option 2 was taken, and the shaft was repaired over a 36 hour period.

This included the manufacturing of the specialised former. No machining of the shaft was required due to the zero shrinkage capabilities of the Belzona products.

### The Outcome

By using Rezitech expertise and Belzona know how the estimated cost savings to the site was in excess of A\$200,000 in minimising lost production and down time!

