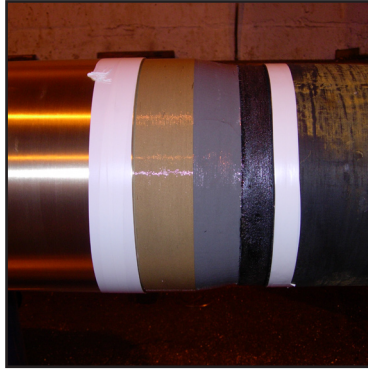


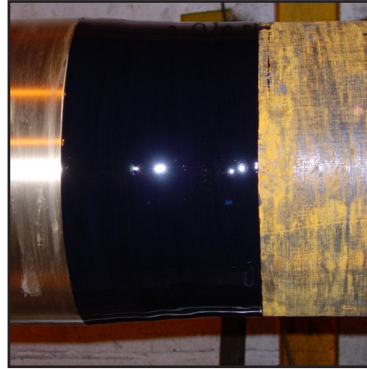
## Belzona Seals Tailshaft Liner



*New liner fitted to shaft*



*Preparation and conditioning complete*



*Belzona® 2141 completed application*



*Tailshaft complete - all works were undertaken on the lathe*

### STATISTICS

#### CUSTOMER

UK Coastal Tanker operator

#### APPLICATION DATE

March 2005

#### SUBSTRATE

Steel, bronze, and rubber

#### PRODUCTS

Belzona® 1111  
Belzona® 2911  
Belzona® 2941  
Belzona® 2141

### APPLICATION SITUATION

240mm Tailshaft from a 2500 Tonne Deadweight Coastal Products Tanker, passing through aft peak tank.

### PROBLEM

The bronze liners had worn and required changing. The body of the tailshaft was coated with a vulcanized rubber lining which was generally intact. Following changing of the Bronze liner the Rubber lining was damaged and not sealing. This could have lead to crevice and bi-metallic corrosion.

### APPLICATION METHOD

The rubber lining was cut clean away, and roughened using the Belzona Roughing brush. The Bronze liner was tapered to meet the rubber, and left with a rough thread and rebate groove. Following gritblasting of the shaft, Belzona® 1111 was applied between the liner and lining. After Conditioning, Belzona® 2141 was applied to seal between the rubber and the bronze.

### BELZONA FACTS

Using Belzona allowed the customer to take advantage of sealing between rigid and flexible surfaces and prevented the customer needing to strip the previous rubber lining from the shaft.