

## **BELZONA® REBUILDS DAMAGED DRYER CAN JOURNAL IN 5 HOURS**

### **CUSTOMER**

Pulp & Paper Facility  
Port Alberni, BC.

### **DATE OF APPLICATION**

December 2004

### **PROBLEM**

There was a fit problem with gear causing excessive vibration.

### **PRODUCTS**

Belzona® 1391 HT Ceramic

### **SUBSTRATE**

Steel

### **APPLICATION METHOD**

Application carried out in accordance with Belzona® Know-How Leaflet MPT-2

### **BELZONA FACTS**

Because of the complexities associated with the intended application the entire application procedure was pre-planned prior to the planned shutdown. As a result the application went smoothly. This included heating the large gear drive before shrink fitting it onto the newly rebuilt journal that also contained a keyway.

***THIS APPLICATION IS NOW GOING INTO ITS 3<sup>RD</sup> YEAR OF SERVICE***

### **PHOTOGRAPHS**

1. View of the complete mold with keyway positioned.
2. Grinding the journal in preparation for the rebuild.
3. Mold in place and the Belzona® 1391 injected from the bottom through injection ports drilled into the mold (See excess material on top of mold).
4. Completed application with reassembly in progress. The light grey surface beyond the inspection light is the newly rebuilt surface.

