
BELZONA® REBUILDS REPULPER SHAFT

CUSTOMER

PULP & PAPER OPERATION
Port Alberni, BC

APPLICATION DATE

September 2000

PROBLEM

The shaft sleeve, which was held in place by a series of grub screws, had to be replaced on a regular basis. The contact area was only about 2 inches wide at each end.

PRODUCTS

Belzona® 1221 Super E Metal
Belzona® 1321 Ceramic S Metal
Belzona® 9411 Release Agent

SUBSTRATE

Steel

APPLICATION METHOD

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

BELZONA FACTS

By injecting Belzona® 1321 Ceramic S Metal into the voids the contact area was increased to 100%. This prevented the pulp stock from leaking into the sleeve as it had done on previous occasions and causing the break down. This mill has not had to redo this repair since it went into service 6 years back.

PHOTOGRAPHS

1. View of shaft after it had been roughly ground.
2. Sleeve in position and centered with the grub screws before ends sealed with Belzona® 1221 Super E Metal, a quick setting Belzona® rebuilding compound.
3. Sleeve set in place and Belzona® 1321 injected in through injection ports into gap between the sleeve and worn shaft.

