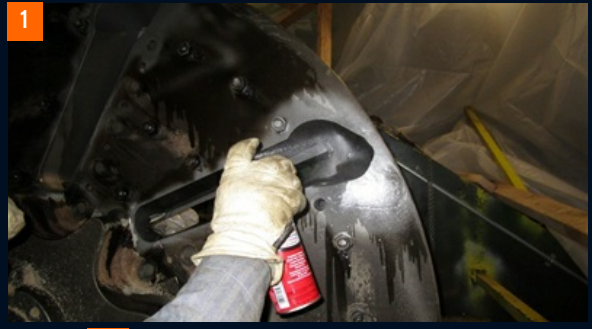


CHIPPER DISKS REPAIRED WITH BELZONA 1811

ID: 9687



PROBLEM

Heavily worn chipper disk pockets.

APPLICATION SITUATION

This chipper disk had heavy wear in the pockets which would result in poor quality chips that are worth less to the pulp mill. The only two alternatives are replacement and welding. Replacement is too expensive especially with only a couple years of use, and welding is known to cause heat stress which then requires the disk to be removed and shipped out for heat stress relief, all resulting in greater expenses and much longer downtimes.

APPLICATION METHOD

Grit blasting to remove all contaminants, washing thoroughly with solvents, and applying Belzona 1811 by hand, firmly pushing it into place.

BELZONA FACTS

Replacing a disk like this is only done as a last option. Being able to repair these pockets and extend the use of this disk by double without having to disassemble it results in a huge saving of time and money. Based on those facts, this application almost pays for itself immediately. Another great fact is this application can be done in-house further saving time and money without the need to schedule and wait for a specialist to come in and do it for them.

This disk was inspected 3 years later and showed very little sign of wear, putting it on target to out perform the disk in its original condition from new.

INDUSTRY

Pulp & Paper

LOCATION

Priest River Idaho

APPLICATION DATE

November 2016

PRODUCTS

Belzona 1811 (Ceramic Carbide)

SUBSTRATE

Carbon steel

PHOTOS

1. Pockets grit blasted and being washed with solvent.
2. Applying the Belzona 1811.
3. Belzona 1811 applied with some mixing board pieces taped in place to help with the profile.
4. Application complete.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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

www.belzona.com

