

# BELZONA STAVES OFF REPLACEMENT COST ASSOCIATED WITH THIS CHIPPER

ID: 307

Industry: Pulp & Paper

Application: SHM-Solids Handling Machinery

Customer Location: Lumber Company in California USA

Application Date: 1994

Substrate: Steel

Products: \* Belzona® 1811 (Ceramic Carbide) ,

## Problem

*This unique chipper from Germany has 48" knives that are responsible for cutting the lumber into the appropriate chip size. Over a period of time, the knife pockets wear, causing unwanted fines and off-size chips.*



## Photograph Descriptions

- \* View of the Klockner Chipper apparatus ,
- \* Rotor assembly with worn pockets ,
- \* Knives removed from unit ,
- \* Applying Belzona® 1811 to pocket profile ,

## Application Situation

Klockner Rotary Chipper knife pocket wear.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-13.

## Belzona Facts

Welding can cause localized heat stresses to the rotor assembly and replacement units have long procurement times since they have to be manufactured in Germany.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve