

# BELZONA REPAIRS HYDRAULIC RAM IN SERVICE FOR OVER TEN YEARS

ID: 310

Industry: *Pulp & Paper*  
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Paper Mill in Alabama, USA*  
Application Date: *1989*

Substrate: *Chromed Steel*  
Products: *\* Belzona® 1111 (Super Metal) ,*

## Problem

*The hydraulic ram was scored due to a packing failure and was unable to build up enough pressure to raise and lower the table and transfer the stack of paper onto the conveyor system.*



## Photograph Descriptions

- \* Scored hydraulic ram cylinder ,
- \* Surface preparation with die grinder ,
- \* Damaged area squared off ,
- \* Finished repair ,

## Application Situation

Hydraulic ram for a Layboy Table.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet MPT-3.

## Belzona Facts

The edges of the scores were squared off and deepened with a side grinder. Belzona® 1111 (Super Metal) was then applied to the prepared surface and dressed down with a file and emery cloth. The application has been in service for over 10 years. As long as the packing and seal area is maintained, the repair should last for a very long time.

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.

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