

# CASE STUDY

## PULP AND PAPER INDUSTRY

### Packing and Gaskets

# Reduced Leakage and Improved Safety in a Paper Mill

Product Solutions: Chesterton AMPS™ Technology



## Challenge

A paper mill was experiencing leakage problems on a 13" shaft hydro re-pulper. Maintenance personnel had to adjust the packing or repack the equipment at least every three months. The customer's goal was 12 months of continuous operation.

The equipment is hard to access, making packing adjustments difficult and a safety concern. As a result, packing adjustments were neglected which led to further issues.



## Results

After installation and the equipment restart, the AMPS technology is sealed with minimal leakage.

The packing can be adjusted from outside the "pit," improving safety and ease of maintenance.

With AMPS units installed, the customer was able to achieve continuous, trouble-free operation for 24 months. The customer plans to install AMPS technology on all three re-pulpers.



## Solution

All four bolts were fitted with Chesterton® AMPS™ double cylinder units and pressurized to 30 psi. A pressure regulator was mounted outside the re-pulper "pit" allowing for easy adjustments without the need to crouch in the oily water and pulp slurry.



*The customer achieved  
continuous, trouble-free  
operation for 24 months.*

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