

Application Success Story:

Industry: Pulp & Paper

Product: Paper Stock

Sealing Solution: Packing



• Application Info

- Press Pit Agitator
- Equipment: Beloit Jones model 40
- Shaft: 4.500”
- RPM: 277
- Product: Paper Stock
- Temp: 120⁰ F
- % Solids: 4.5%

• Problem

- Agitator leaked constantly creating a house keeping issue and a safety problem.
- Had to re-torque packing every 3-5 days due to shaft runout deflection of up to .100”
- Average cost of fiber and ash loss was \$112.14 per day.

• Solution

- A SpiralTrac Version P designed and developed to protect the packing as well as aid in stabilizing the shaft as well.
- Chesterton 1730 packing and Chesterton live load set for gland bolts.

• Result

- 14+ months in operation and no adjustments, and zero stock leakage
- Customer was so pleased they also installed the same sealing solution on the adjacent press pit agitator.
- Both are operating great, with a customer calculated savings of over \$80,000 per year

