

Application Success Story:

Industry: Pulp & Paper
 Product: Wood Fiber
 Sealing Solution: Packing



• Application Info

- Beloit 36 DD Refiner

• Problem

- Refiner sleeve had excessive wear below the lantern ring. Plant was unable to maintain packing leak rate and experienced short packing life. To replace sleeve also requires significant downtime of 8 hours.
- Costs to replace sleeve are as follows.
 Sleeve Cost \$1,500.00
 Labor 4 men 8 hours \$22/hour each \$704.00
 Packing 6 rings 1727 and lantern ring \$568.00
 Total cost \$2,772.00



• Solution

- Install Enviroseal SpiralTrac™ and 370 carbon yarn packing. SpiralTrac™ replaces lantern ring and eliminates packing in the bottom of the stuffing box, there is no need to replace the sleeve. The time needed to do the repair is relatively short and can be done at a normal shutdown. The added benefits are reduced flush water usage and reduced packing leakage as well as extended packing life.



• Result

- Enviroseal SpiralTrac™ and 370 Packing \$1,987.25
 Labor 2 men 2 hours \$22/hour each \$88.00
 Total Cost \$2,075.25

Initial savings \$696.75

- Plant has since reordered Spraltrac™ and packing to convert 2nd Refiner

