

Application Success Story:

Industry: Pulp and Paper
Product: Black Liquor
Sealing Solution: Mechanical Seal



• Application Info

- C2 High Pressure Digester Pump
- Shinhama Pump, 8STK-250R
- Product: Black Liquor
- Pressure: 203 psi / 14bar
- Temp: 284° F / 140° C
- Shaft size: 3.740" / 95mm

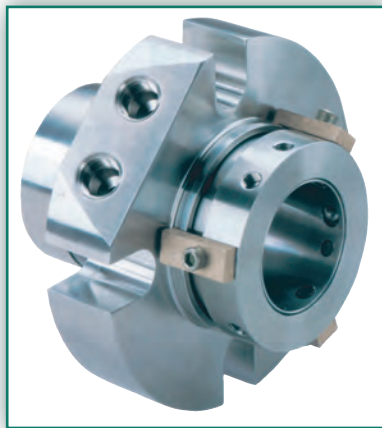


• Problem

- Dual seal failed due to erosion by heavy sludge
- Seal life was approximately 12 months
- Approximate annual cost of repairs \$4,800

• Solution

- SpiralTrac Version D Type I installed with a Chesterton 280 Dual Cartridge seal
- #280 TC/TC?TC/TC, Atlas



• Result

- Seal sleeve erosion has been eliminated
- Seal life is now exceeding two years
- Annual savings cost of \$2,800

