Application Success Story:

Industry: Mining
Product: Tailings Water
Sealing Solution: Packing

• Application Info
  - Pump: Ash 500 model G9-H11
  - Shaft: 7.125”
  - Bore: 9.182”
  - Speed: 420 RPM
  - Discharge Pressure: 85psi
  - Product: Tailings water slurry containing, Ambient Bitumen, Tar Sand, Fines, and Recycled Water
  - Solids: 1.05% to 1.12%
  - Temp: 38°F / 3°C
  - Duty: Continuous

• Problem
  - Rental pump was required to supply clean seal water at a cost of $4,500 per month. Water was never proven to be of clean enough service to keep packing gland clear
  - Pump had to be repacked every four days at a cost of $1,500.00 per repack

• Solution
  - SpiralTrac™ Version P Type S
    #P17125RS9182(174)25568
  - Four rings of Chesterton 1727™ packing
  - Two Chesterton 14K AWC800 Split Restriction Bushings

• Result
  - 10-15 shots of grease are injected into the stuffing box once per week
  - Zero Flush Required
  - Average savings per month is $28,000