

Application Success Story:

Industry: Mining
 Product: Gypsum Slurry
 Sealing Solution: Packing



• Application Info

- Pumps : Warman
- Model : 4/3
- Application: Water Reticulation from Coal Mine
- Shaft Speed: 1450 RPM
- Product: Gypsum Slurry
- Solids : 30 - 40%
- Temp: Ambient



• Problem

- The expected packing life was 2-3 months with a flush rate of 680 LPH.
- Flush water, shaft sleeve, bearings, packing, and labour costs totaled up to \$11,570 annually per pump

• Solution

- SpiralTrac™ Version P Type S
 Part # PM08250RS10800(316)29173
- Three rings of Chesterton 1830SSP Packing
- Flush Plan: API Plan 32

• Result

- Flush is now 140 LPH
- **Total annual cost savings of \$7,849**
- Note: This savings was based solely on gland water cost, sleeve cost, labour, bearings and packing saved. If product cost had been taken into account, the savings would have figured in to be much greater.

