Application Success Story:

Industry: Mining  
Product: Platinum Slurry  
Sealing Solution: Packing

• Application Info
  – Envirotech D-Frame Slurry Pump
  – Shaft Speed: 950 RPM - 1450 RPM
  – Pressure: 58 PSI (4 bar)
  – Product: Platinum Slurry
  – Solids: 30% (1.6 - 2.0 S.G.)
  – Temp: Ambient

• Problem
  – There are twenty three of these pumps and each one had to be repacked every week at a cost of $41.52 for parts and labour per pump
  – Parts, packing and labour however were not the issue here, “Production Loss” during pump downtime was the greatest problem
  – Production Loss of $98.99 per month X 23 pumps equals $2,276.27 lost production every month due to pump downtime

• Solution
  – SpiralTrac Version P Type S part #PM12550RS16350 (ESC) with three rings of Chesterton 412-W packing

• Result
  – These pumps have run 52 plus weeks with with only 4 re-packs
  – This results in an estimated projected total yearly savings of $27,291.75