

DualPac® 2212 and SpiralTrac Extends Packing Life in Phosphate Mine

Mining | Slurry | Packing



Application Info & Challenge

Customer was using a competitor's PTFE packing on large centrifugal pumps used in phosphate mining. Heavy leakage led to **frequent adjustments** (every few days) and costly repacking.

Goal is to increase the length of continuous service to support plant cycle and reduce maintenance costs.



Large Pump required adjustment every few days due to severe leakage

Solution & Result

- **Packing Version SpiralTrac™**
- 3 rings of **DualPac® 2212 packing**
- Chesterton Live Loading

Application had two large 20x20 centrifugal pumps with 54" impellers and 2000 hp motors. Three rings of 2212 packing were installed alongside with the Version P SpiralTrac. The active throat bushing enables particulates to be removed from the stuffing box and away from packing. It also reduces the volume of flush water needed. Bolts were fitted Chesterton Live Loading and torqued to engineering specs.



SpiralTrac, DualPac 2212 and Live Loading being installed

Client reported that after 4 months and no adjustments, the pumps are still maintaining the required minimal leakage.

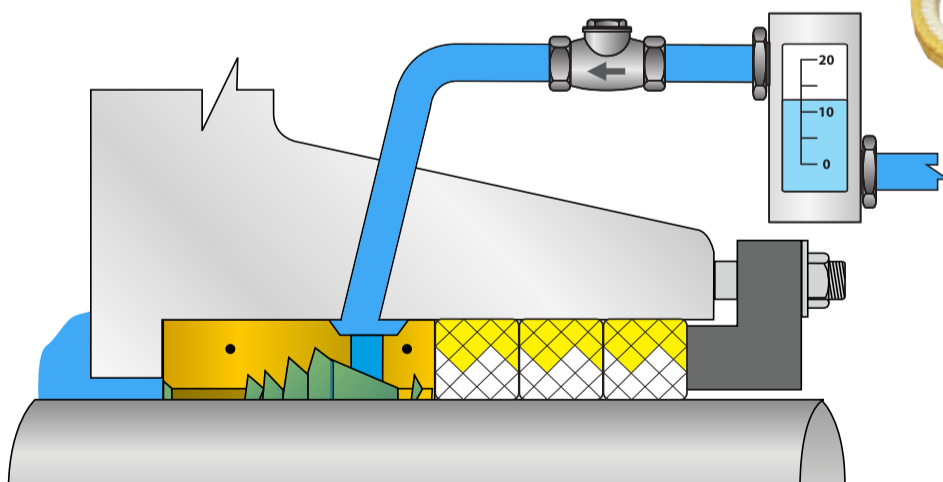
This is a total savings of **\$12,000 / year**, not to mention the other added benefits to the customer (cleaner environment, reliable predictable operation).



Spool of DualPac 2212



Packing Version SpiralTrac



* EnviroSeal always recommends flow controls when installing a Packing Version SpiralTrac.

For more information please send an email to us at support@enviroseal.ca. We hope to hear from you!

