

The Toughest Chesterton SuperSet for the Most Severe Slurry Applications

Mining | Slurry | Packing



Application Info & Challenge

- **Goulds 14x12-29 SLR C** Slurry Pump
- RPM: 900, shaft speed: 1406 FPM.
- Product: Slurry with 6 to 12% solids.
- Flush water: 55 Psi at 16 GPM through a 1/2" connection

Gland adjustment on the equipment is checked daily and adjusted weekly. When gland follower bottoms out (typically 2 months), packing needs to be replaced. Excessive sleeve wear results in **sleeve replacement every 6 months.**

Customer looking to extend packing life and minimize maintenance between planned shutdown, as well as reducing flush water consumption.



Chesterton DualPac® 2211 Packing for Severe Slurry Applications

Solution & Result

- Chesterton SuperSet: 3 rings of Chesterton DualPac® 2211 packing and **Packing Version SpiralTrac™** made of Carbon Graphite PTFE.

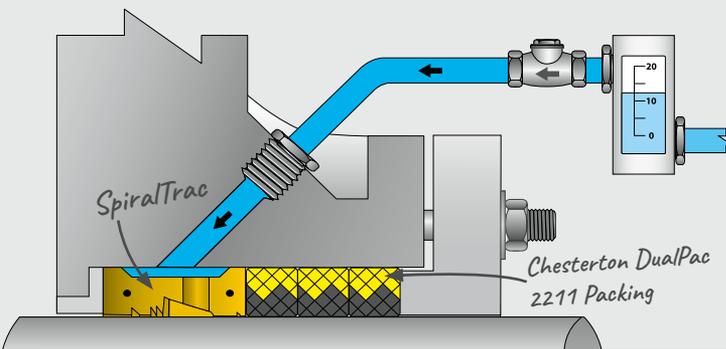
After installation, flush water was reduced by 50% with the help of flow controls. Sleeve was inspected 3 months into operation: no issues, sleeve was in excellent condition. Up until the time of inspection, no gland adjustment was necessary since initial installation (3 months).

Total amount of water saved per year is **21,024,000 gallons on this one pump alone.**

Customer is in the process to convert the additional Goulds 14x12-29 SLR C pumps at the plant to the same sealing solution!



Packing Version SpiralTrac made of Carbon Graphite PTFE



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



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