

How to drop your flush water usage by 94% with the Chesterton SuperSet™ Total Sealing Solution



Pulp and Paper | Paper Stock | Packing

Application Info & Challenge

- **Vertical Hydropulper**, sleeve dia. 150 mm, 360 RPM
- Product: Paper stock, ambient temperature

Typical 2L3 packing configuration with competitor "low cost" PTFE/Graphite packing. Stainless steel shaft sleeve with ceramic coating.



Leakage problems with original sealing setup

Customer ran into issues with short packing life of 4-5 weeks and short sleeve life of about 8 weeks. Excessive measured flush water usage at **32.6 l/min!** Leakage problems: water spraying out at the gland follower, causing massive environmental and safety issues.



Flow monitor reading 32.62 l/min flush water usage

Solution & Result

- Chesterton Superset: 3 rings of 370 Heat Dissipating Packing, and **Packing Version SpiralTrac™ made of Carbon Graphite PTFE (ESC) material.**
- Chesterton S50 Flow Guardian™ flow meter.

Packing MTBR went from 4-5 weeks to **9 months!**

Flush water reduced to 3 l/min. That is a **94% reduction in water usage** alone!

The ROI time frame on this pump was 1 month!

Old operating cost: €43,174

Current operating cost: €3.343

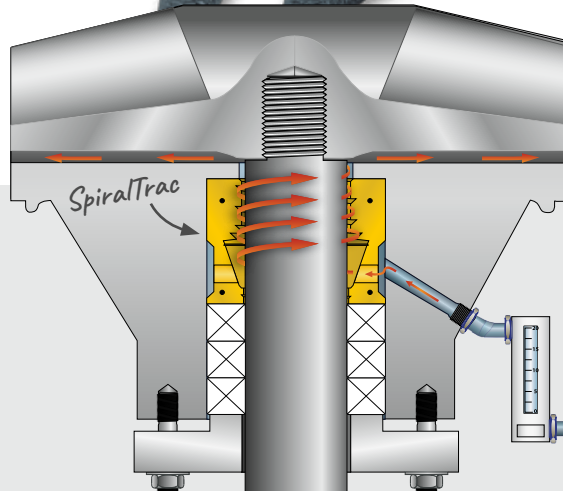
That is a **92.2% reduction in operating cost!**



Packing Version SpiralTrac made of ESC material



Chesterton 370 Packing



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



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