

# Application Highlight



Pulp & Paper | Mechanical Seal

## Application Info & Challenge

- **Industry:** Pulp & Paper
- **Location:** Hungary
- **Equipment:** Qty 6 Andritz agitators, different TurboMix models (TMX 610/810/1010/1310)
- **Measured flush rate:** 11.07 l/min

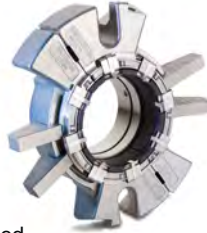
Horizontal side-entry chest agitator, with OEM packing and external water flush. OEM packing is inefficient: frequent repacks and unacceptable leakage, creating an **unfavorable environment!** The worn shaft sleeve is difficult to replace and there's no reliable service from the OEM supplier. High maintenance and utilities cost!



*Previously packed*

## Solution & Result

- Chesterton 442C® Split Seal
- **SpiralTrac™** Seal Adaptor



442C Split seal + SpiralTrac Adaptor with reduced and controlled amount of flush rate. Dislocating the seal area by using a SpiralTrac Adaptor a “new surface area generated” no need to change the worn sleeve. By dislocating the seal area (closer to the bearing), the **SpiralTrac Adaptor** gives a much more stable running condition to the seal. Modification and disassembly free installation, easy as packing exchange.

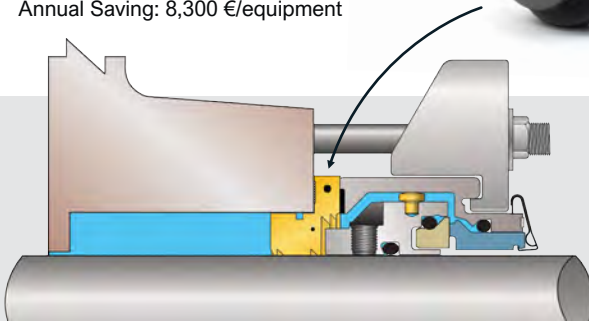
Flush rate has been reduced by **85%**, from 11.07 l/min to 1.5 l/min!

**MTBF increased to 2 years** (still running)! ROI 15 month!

Annual Saving: 8,300 €/equipment



*Spiraltrac Adaptor installed in cavity*



*Chesterton Solution installed*

For more information please send an email to us at [support@enviroseal.ca](mailto:support@enviroseal.ca). We hope to hear from you!



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