

Application Highlight



Power | Dirty River Water | Mechanical Seal

Application Info

- **Industry:** Hydro power
- **Location:** Chile
- **Equipment:** QTY 1 Vertical Kaplan Hydro Turbine
- **Product:** Dirty river water, ambient temperature

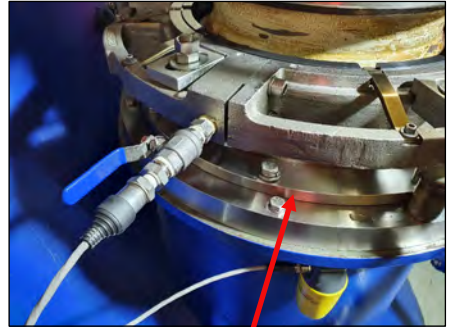
Solution & Result

- Chesterton 442® Jumbo Split Seal 390 mm
- **SpiralTrac™** Split Adaptor made of 17-4PH SS material, part number AFS15-0663R(174)
- Chesterton 14K Restrictor Bushing

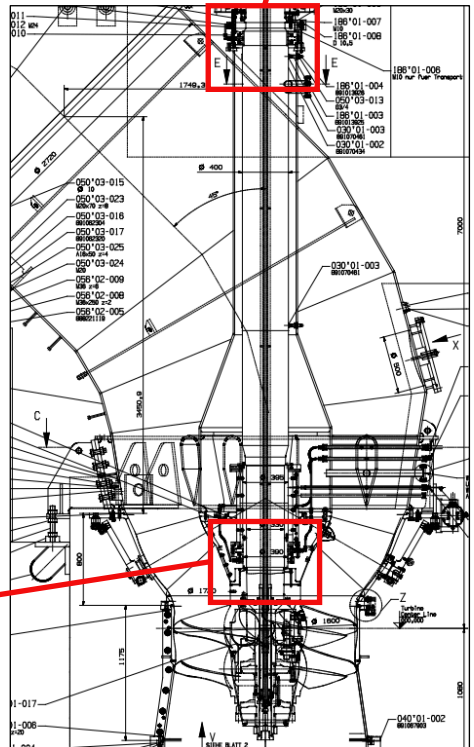
This solution has been in operation successfully since 2018! No more yearly sleeve replacements, and the turbine's routine maintenance is now being performed once every 4 years (instead of once a year).



Turbine Bottom Seal with SpiralTrac Installed



Turbine top seal



Kaplan Hydro Turbine Diagram

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



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