

SpiralTrac™ and S10™ to Keep Potato Washing Station Clean



Food Processing | Dirty Water | Mechanical Seal

Application Info & Challenge

- Potato processing plant, **GOULDS 3196 MTX**, 1800 RPM
- Dirty water (with sand, silt etc.), 15 °C temperature

Customer has numerous potato washing stations with Goulds 3196 MTX pumps. Product is water with dirt, sand, silt etc. being washed off of the potatoes. Previous sealing solution is a competitor single bellows seal with an average 10 month seal life. **Customer is looking to extending seal life** and increase overall reliability.



GOULDS 3196 MTX with SpiralTrac installed



Chesterton S10™ Single Cassette Seal

Solution & Result

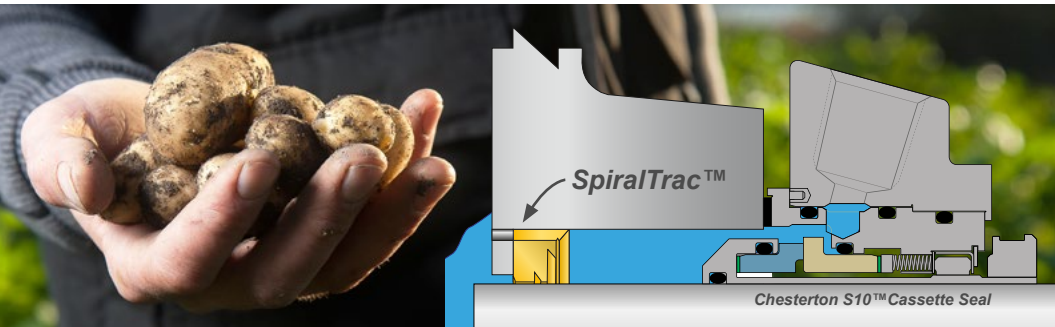
- Chesterton S10™ SSC/SSC S FKM Single Cassette Seal
- SpiralTrac™ Version N Type B, 316 Stainless Steel
- GPM Flow Reducer

Dirty water is where SpiralTrac excels! The Chesterton specialist paired the S10 Single Cassette Seal with a Version N Type B SpiralTrac Environmental Controller. This bushing is pressed in the seal chamber from the seal end, so modification of the pump is not necessary.

MTBF on the first pump converted to this solution lasted for **40 months**. Since then, many more pumps were converted with similar success. Now every dirty water process at the mill has been standardized with this sealing solution.



Version N SpiralTrac 316 material



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



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