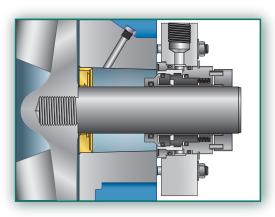




# **Application Success Story:**

Industry: Brewing Product: Diatomaceous Earth Slurry Sealing Solution: Mechanical Seal







## Application Info

- Goulds 3196 STX
- Previous sealing solution: Type I Single Bellows Seal
- Product: Diatomaceous Earth Slurry used for filtration in pressure filters
- Solids: 5% 7%
- Temp: 38°C / 100°F
- Flush: 1-2 GPM / 3.75 7.5 LPM

#### Problem

- Seals were failing every 4-6 weeks
- The pump had to be removed from service and the entire power end had to come off the pump each time in order to repair the seal.
- This repair cost \$300 per seal change, adding up to \$3,000 over fifteen months

### Solution

- SpiralTrac<sup>™</sup> Version N Type I in 316SS installed with a Chesterton GSS-11 SA,TC/TC/EP mechanical seal
- Cost to install \$968.15

#### Result

- This pump is now running totally flushless
- Even with the flush eliminated, the seal has run for 15+ months without failure amounting to a savings of over \$2,031.85 !!!!



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