

Application Success Story:



• Application Info

- Allis Chalmers 18x18x23
- Shaft: 4.750" / 120.00mm
- Bore: 7.297" / 185.34mm
- Product: Aerated Chemical Wastewater
- Solids: 10%-20%
- Temp: 100°F / 38°C

• Problem

- This pump had a failure rate of anywhere from two weeks - two months. It had six seal failures in twelve months
- Annual repair cost \$21,855.00

• Solution

- SpiralTrac™ Version C Type I #CI5000RI7297(416)
- Chesterton Streamline™ GSS mechanical seal (SSC/SSC/EP) with a flowmeter set at 20GPH / 76LPH

• Result

- No failures in the first fourteen months and counting
- Annual savings to date \$15,755
- Since the initial installation the five other aeration pumps have been upgraded to SpiralTracs, Chesterton Streamline™ GSS seals, and flow meters
- The drastic reduction in seal failures has resulted in improved housekeeping, thereby allowing the pump units to be cleaned and painted

