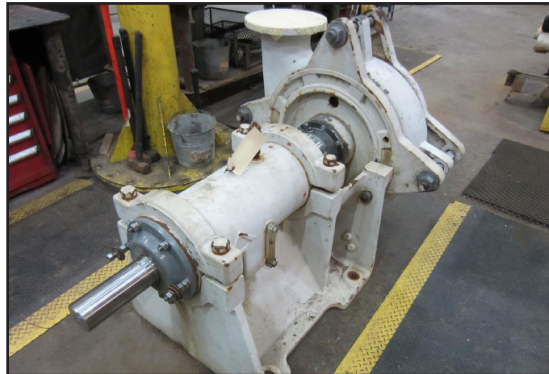


Challenge

Background

The customer was using a double seal and tank to seal a booster pump on a dredge mining slurry application. The seal was failing after 3 to 6 months, requiring a full pump changeout and overhaul.



Pump was coming into the shop every 3 – 6 months with a failed seal.

Solution

Product

The customer replaced the double seal with a **Chesterton 442 Single Split Seal** and a **SpiralTrac® Environmental Controller**. The seal is designed to run without flush except for a quench on startup and shutdown.



Pump installed with a Chesterton® 442 Split Seal and a SpiralTrac® Environmental Controller.

Results

Less Downtime

The seal ran for nine months and was replaced only after an unrelated pump issue.

The split seal configuration is a cost savings and allows for quick changeout. Pump disassembly is not required.

The customer benefited from initial cost savings on seal the **442** vs the competition, longer seal life and run time, and minimal downtime to replace the seal.



The seal ran for 12 months.