

Challenge

Issue

A slurry pump stuffing box was showing erosion and corrosion attack. The packing was becoming loose due to the box wearing out on the ID.

Goal

To prevent the packing from coming loose by stopping the erosion/corrosion attack.

Solution

Preparation

Surfaces were inspected, cleaned, and prepared for application.

Application

Chesterton® ARC SD4i was applied to the inside and a new bolt on SS stuffing box with an integral **SpiralTrac® Environmental Controller** was put in place. A nice repair program for our customer, reusing old parts and making them new again.

Results

Client Reported

There was less wear on the stuffing box. With the packing stabilized, there were less repacking errors, saving downtime and costly mistakes. The flow to the ID was better controlled.



Stuffing box showing erosion and corrosion.



ARC SD4i applied to the stuffing box.



The flow to the IC of the packing is better controlled.