

Challenge

Background

Over a period of time, the flow plates of stainless steel heat exchangers became heavily rusted. Cleaning required a significant amount of time and manpower. Even after maintenance, plate integrity and equipment reliability was questionable.

Solution

Product

The plates were washed with **Chesterton 338 Super Rust Remover**, an acid-based cleaner that removes rust and conditions the surface of the metal with a film layer that prevents further flash rusting.

Results

Savings

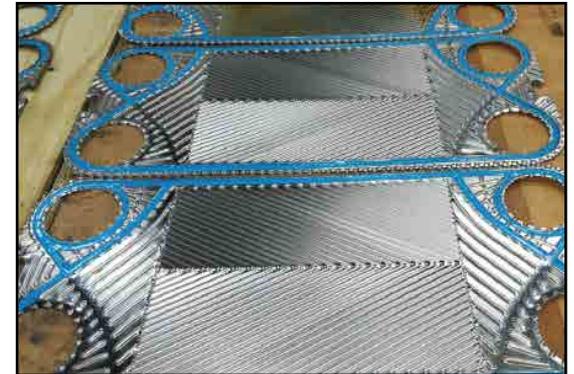
- The **338 Super Rust Remover** effectively removed the rust from the plates, revealing an almost new surface and also provided a short-term protection from further rust.
- The cleaning process was up to 20 times faster than the previous method, reducing labor and down-time costs drastically. The rust remover did not affect the integrity of the plates; they were put back into service with no concerns for equipment reliability.



Rust was impacting flow plate operation.



The non-flammable cleaner rinses clean with water.



After rust removal, plates also looked new again