

Challenge

Background

An oil refinery needed to purchase excess spare parts and equipment due to extremely long lead times and the remote location of the refinery.

In storage, this inventory was exposed to extreme temperatures, humidity, and a corrosive environment. Many metal parts became prematurely corroded over time. These degraded assets have a high risk of being discarded, causing costly replacements.



Spare part in need of service.

Solution

Product

- The parts were first washed with **Chesterton 338 Super Rust Remover**, a superior cleaner that removes rust and forms a layer for short-term corrosion protection.
- Next **Chesterton 740 Heavy Duty Rust Guard** was applied to provide long-term corrosion prevention for up to two years.



Cleaning corroded spare part with 338 Super Rust Remover.

Results

Savings and Improved Inventory Parts

- Rust was effectively removed from the parts with the **338 Super Rust Remover**. Subsequent corrosion was prevented with a coating layer of **740 Heavy Duty Rust Guard**.
- Over \$600,000 in spare parts originally destined for disposal were refurbished and saved over a two-year period.



Cleaned spare part protected with a preventative coating of 740 Heavy Duty Rust Guard.