

# Inventory Parts Restoration and Preservation Saves Refinery \$725,000

Oil and Gas Industry  
Chesterton® 235 SSC Degreaser, 338 Super Rust Remover,  
and 775 Moisture Shield  
IL/MRO Case Study

## Challenge

### Background

An inspection of inventoried parts at a refinery found a large number of parts with significant corrosion. Plastic wrap and anti-corrosion paper proved inadequate, resulting in thousands of dollars in losses.

The refinery wanted to implement a program for inventory restoration and protection against corrosion during storage.

## Solution

### Product

A program was implemented using **Chesterton® 235 SSC Degreaser, 338 Super Rust Remover, and 775 Moisture Shield**. Training and “hands on” work was conducted for materials and warehouse personnel.

The oil residue was cleaned from the spare parts with **235 SSC Degreaser**. Then the parts were immersed in plastic dip tanks with **338 Super Rust Remover** to remove all rust. At the end **775 Moisture Shield** was applied for displacing water and adding a barrier coat.

## Results

### Over \$700,000 Savings in Just 3 Months

Chesterton preservation	\$646.00
Work area and soak tanks	\$5,846.00
Manpower cost	\$2,487.00
<b>Total</b>	<b>\$8,979.00</b>

Total Cost	
Recovered Parts	\$737,187.00
<b>Savings</b>	<b>\$725,721.00</b>

This savings corresponds only to what was recovered in 3 months.

\$ = USD



Rusted spare parts in the storage area of the refinery.



Chesterton's restoration and protection program implemented.



Recovered spare parts after implementing Chesterton's restoration and protection program.