

Restoration of Corroded Inventory Saves Oil Exploration Company \$300,000

Oil and Gas Industry
Chesterton® 235 SSC Degreaser, 338 Super Rust Remover,
and 740 Heavy Duty Rust Guard
IL/MRO Case Study

Challenge

Background

In an oil exploration company, spare equipment were often purchased 1 – 2 years in advance of a major turnaround outage. Inventoried goods were stored outside or in uncontrolled sheds under tarps and plastic wraps, which are not suitable for long-term corrosion prevention. As a result, most of the spare parts were corroded and could not be used.



Rusted shaft taken from storage box using rust inhibiting paper wrap.

Solution

Product

The **Chesterton® Restoration and Preservation Program** was implemented using **235 SSC Degreaser** to power wash components. Next a 10% solution of **338 Super Rust Remover** was used in a dip tank to remove all rust. To preserve and protect the parts, **740 Heavy Duty Rust Guard** was used to coat and to provide a water displacing, rust inhibiting barrier.



Shaft clean and rust-free with 235 SSC Degreaser and 338 Super Rust Remover.

Results

Inventory Properly Sealed and Protected

- The initial investment for the Chesterton solution was \$5,600.
- In total, over \$300,000 in parts were recovered and returned to inventory.
- Parts coated with **740 Heavy Duty Rust Guard** were properly sealed and protected from further corrosion.

\$=USD



740 Heavy Duty Rust Guard leaves a dark brown, transparent waxy coating for up to 2 years' protection.