MOLYGRAPH®

SUCCESS STORY
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Molygraph Ultrasyn FS 1600 prevented corrosion after hydrotesting. An innovative, environment friendly solution.

Industry: General Engineering | Application: Hydro Testing of Valves
Client: Industrial Valve Manufacturer | Location: West India

Overview

A leading multinational specializing in steam engineering, valves and control instrumentation had a problem during hydrotesting of their valves. The hydrotest is conducted by filling the valves with water which may be dyed to aid in visually checking for leak detection as well as pressure loss. This test also maintains safety standards and the durability of the valve over time.

The customer faced rusting issues after hydrotesting and had to additionally use a conventional rust preventive to prevent this.

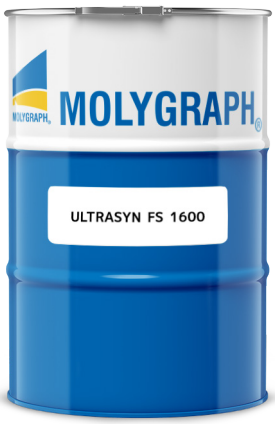
Challenge

- Prevent rust and corrosion after hydrotesting without any additional use of conventional oil based rust preventive.

Solution

MOLYGRAPH ULTRASYN FS 1600
Water Soluble Rust preventive and Lubricating fluid

- Excellent corrosion prevention properties.
- High lubricity, which aids in film formation, resistance to high loads and anti-wear properties.
- No sludge build up in sumps.
- Environment friendly.



Benefits of Molygraph Ultrasyn FS 1600

Technical Specifications	Ultrasyn FS 1600	Test Method	Molygraph Advantage
Appearance	Fluorescent Green	Visual	Aid in Visual inspection
Cast iron corrosion test	2.5%	IP-287	Excellent resistance to rust and corrosion
PH	9.5-10.5	CTM	Stable and prevents sludge

Results

Molygraph Ultrasyn FS 1600 was added to the water in a 10% concentration and the hydro testing was done using this solution. No rusting in the water wetting areas for a stipulated period was observed.

Environment friendly solution

Elimination of oil based rust preventive without any additional process

MOLYGRAPH®

We accelerate industrial productivity by providing the most efficient lubrication solution.

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