

Challenge

Background

- Valve shops and OEMs require a reliable thread lubricant for proper sealing of valves flanges and packing glands.
- Valves used in HPI, CPI, and API processes are increasingly more critical due to low VOC requirements.
- Proper lubrication is critical when installing valves and packing any bolted application.
- Improper bolt tension can result in leaks, citations, and environmental fines.



Without proper lubrication, the bolt tension will be off by as much as 40%.

Solution

Product

Install Chesterton's Comprehensive Stationary Sealing Solution: *Carbon Bushings, Graphite Packing, Live Loading, and Thread Lubrication*

- All bolts, washers, and disc springs are fully coated with **Chesterton 725/772™**.
- Deep stuffing boxes and carbon bushings are also coated to help with installation.
- Proper torque recommended by Chesterton is assured due to the use of **725/772**.



Chesterton's Stationary Sealing Solution - ready for installation.

Results

Increased Reliability

- Lubrication of bolting and spring assemblies in live loaded applications insures proper packing axial load and ability to perform re-torques if required after heat cycling.
- **Chesterton 725/772** are also used on flange and bonnet bolts to prevent galling and seizure.



Threads, washers and disc springs are protected with Chesterton 725.