

Fluoramics Highlights LOX-8 Thread Sealant for Improving Reliability in Water Treatment Facilities

How LOX-8 Prevents Leaks in Water Treatment Systems

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/EINPresswire.com/ -- [Fluoramics](#), a manufacturer of specialty industrial sealants and lubricants, is highlighting the performance of its [LOX-8®](#) Thread Sealant as a proven solution for preventing leaks and protecting threaded connections in [water treatment](#) facilities operating with aggressive chemicals.

Water treatment systems rely on chemicals such as chlorine, sodium hypochlorite, sodium hydroxide (caustic soda), ammonia, ferric chloride, sulfuric acid, and fluoride compounds to produce safe drinking water and treat wastewater. These harsh environments place significant demands on threaded connections throughout chemical feed systems, pumps, valves, filters, meters, and process piping.

When thread sealants degrade under chemical exposure, facilities can experience leaks, increased maintenance, unplanned downtime, and chemical loss. Fluoramics developed LOX-8 Thread Sealant to help address these challenges by providing a durable, chemically resistant seal designed for demanding industrial applications. Every threaded connection is a potential leak point. Using a sealant engineered for aggressive chemical service helps facilities improve reliability, reduce maintenance, and keep critical systems operating safely and efficiently.

In addition to chemical resistance, LOX-8 is formulated to help protect threaded fittings from corrosion caused by moisture, chemical exposure, and dissimilar metals. The sealant also performs in systems exposed to vibration, pressure fluctuations, and temperature changes, helping maintain dependable seals over time while allowing components to be disassembled during routine maintenance.



Chlorine leaks in water treatment fitting before applying LOX-8 thread sealant.

LOX-8 Features and Benefits

LOX-8 Thread Sealant is engineered for demanding industrial sealing applications and offers several key performance advantages:

- Inert, non-corrosive, and non-toxic paste thread sealant and lubricant
- Resistant to dozens of aggressive acids and bases that can degrade conventional sealants
- Compatible with both metal and plastic threaded fittings
- Helps prevent galling on stainless steel fittings
- Effective against cold-flow leakage and creep
- NSF registered for use in food processing and handling facilities
- Tested and certified by BAM and WHA International and recognized by The Chlorine Institute (Pamphlet 164) as acceptable for use in chlorine systems

By helping prevent recurring leaks, LOX-8 can assist water treatment facilities in reducing maintenance labor, minimizing chemical loss, extending equipment life, and improving overall operational efficiency.

As utilities continue to focus on reliability, safety, and cost-effective maintenance, Fluoramics says selecting chemically resistant sealing products is an important step toward improving long-term system performance.

For more information about LOX-8 Thread Sealant and its applications in water treatment, visit Fluoramics at Fluoramics.com.



3 Years later, there were no chlorine leaks in water treatment fitting after LOX-8 was applied.



LOX-8 Thread Sealant from Fluoramics

About Fluoramics

Fluoramics develops specialty industrial sealants, lubricants, and maintenance products designed for demanding applications across water treatment, chemical processing, oxygen service, food processing, and other critical industries. The company's products are engineered to help customers improve equipment reliability, reduce maintenance, and extend service life.

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