



# LOX-8® Thread Sealant & Grease

## DESCRIPTION

**LOX-8 Paste** and **LOX-8 Grease**, PCTFE/PTFE pastes and greases, are used where oxygen or harsh chemicals such as chlorine or powerful oxidizers are present. Providing superior performance as a lubricant and sealant, LOX-8 is stable from -400° F to +550° F. LOX-8 is certified for use in gaseous and liquid oxygen.

Use LOX-8 Grease and LOX-8 Paste in environments where extended service life is important: medical, nuclear and other high-tech fields including chemical processing, industrial gases and other aggressive applications. Approved for use in food processing facilities. Fire resistant. MIL-PRF-27617G. NSN 8030-00-829-3982.

## TYPICAL APPLICATIONS

**Paste** applications include:

- off-shore rigging
- oxygen and chlorine systems
- cryogenics
- waste-water processing
- welding gases
- stainless steel anti-galling



**Grease** applications include:

- greasing oxygen service bearings, valves, O-rings, pumps and regulators
- fire-resistant grease

## TYPICAL PROPERTIES

LOX-8 is specifically formulated for wet and dry conditions. It is non-migrating, remaining where it is applied. LOX-8 is ideal where repetitive assembly and disassembly are required. It is non-flammable, non-toxic, non-hardening, and is anti-galling with stainless steel.

Available sizes for both LOX-8 Grease and LOX-8 Paste:

- 25 gram jar
- 100 gram jar
- 1 lb. jar
- 100 gram plunger\*

\* Applicator gun to fit plunger is also available.



## APPLICATION DETAILS

LOX-8 is the only thread sealant that does it all.

Apply liberally to a clean, dry surface. Fit and torque the matching piece.

## STORAGE/SHIPPING/HANDLING

No special handling required.

## HEALTH & SAFETY

LOX-8 is a very safe solvent-free product. Wash hands after use. Keep product out of eyes.

Thread Sealants    Tufoil® Technology    HinderRUST    Oxygen-Safe Greases & Pastes

## LOX-8 PASTE and GREASE ARE . . .

- Certified by NASA (ASTM G72-82) (ASTM G86)
- Certified by BAM
- Oxygen-compatible
- Anti-galling
- Anti-seizing
- Non-migrating
- Chemically Inert
- Waterproof
- Non-flammable
- Easy to apply
- Silicone free
- Hydrocarbon free
- Non-toxic
- Odorless

# LOX-8<sup>®</sup>

## Thread Sealant & Grease

**LOX-8 is compatible with many aggressive chemicals, including...**

Acetylene	Hydrogen sulfide
Aluminum chloride	Hydroiodic acid
Ammonia	Hypochlorite solutions
Ammonium hydroxide	Iodine
Ammonium nitrate	Kerosene
Ammonium perchlorate	Muriatic acid
Anhydrous ammonia	Natural Gas
Antimony trichloride	Nitric acid
Argon	Nitrogen
Bicarbonate Acid	Nitrogen oxides (all)
Boron trichloride	Nitrogen trifluoride
Boron trifluoride	Oleum
Bromine	Oxygen (liquid & gaseous)
Bromine trifluoride (gaseous)	Phosphoric acid
Calcium hypochlorite	Potassium perchlorate
Carbon dioxide	Potassium persulfate
Chlorine	Propane
Chlorine trifluoride (gaseous)	Propylene oxide
Chlorosilanes	Silane
Chlorosulfonic acid	Silicone tetrachloride
Chromic acid	Sodium
Chromyl nitrate	Sodium hydroxide (all concentrations)
Ethylene oxide	Sodium peroxide
Fuming nitric oxide	Sulfur trioxide
Helium	Sulfuric acid
Hydrogen	Sulfur dioxide
Hydrogen bromide	Thionyl chloride
Helium	Titanium tetrachloride
Hydrochloric acid	Uranium hexafluoride
Hydrogen fluoride	Water
Hydrogen peroxide (all concentrations)	

**The chemistries found in LOX-8 are compatible with the following elastomers and plastics:**

Cured epoxies	Polyvinyl alcohol
EPDM	Rigid PVC
Ethylene propylene rubber	Rigid CPVC
Fluoro-silicones	Teflon type plastics
Neoprene	Urethanes
Polycarbonates	Viton type plastics
Polyamides	

Thread Sealants Tufoil<sup>®</sup> Technology HinderRUST Oxygen-Safe Greases & Pastes

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