



# LOX-8<sup>®</sup> Grease

## PCTFE/PTFE Grease

### DESCRIPTION

**LOX-8 Grease**, a PCTFE/PTFE grease, is 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 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

**Grease** applications include:

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



### 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.

### PACKAGING

Available sizes for LOX-8 Grease:

- 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 grease 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.



Applicator gun and plunger sold separately.

LOX-8 is also available in a paste thread sealant perfect for sealants threaded joints. It has the same properties as LOX-8 Grease and is oxygen-safe and impervious to harsh chemicals.

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

## LOX-8 GREASE is . . .

- ASTM G72-82  
ASTM G86
- Certified by BAM
- Chlorine Institute member  
*tested and accepted*  
(Pamphlet 164)
- Oxygen-compatible
- Anti-galling
- Anti-seizing
- Non-migrating
- Chemically Inert
- Waterproof
- Non-flammable
- Easy to apply
- Silicone free
- Hydrocarbon free
- Non-toxic
- Odorless
- NLGI: 1

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### 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 (liquid & gaseous)
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)	Ozone
Calcium hypochlorite	Phosphoric acid
Carbon dioxide	Potassium perchlorate
Chlorine	Potassium persulfate
Chlorine trifluoride (gaseous)	Propane (liquid & gaseous)
Chlorosilanes	Propylene oxide
Chlorosulfonic acid	Silane
Chromic acid	Silicone tetrachloride
Chromyl nitrate	Sodium
Ethylene oxide	Sodium hydroxide (all concentrations)
Fuming nitric oxide	Sodium hypochlorite
Helium	Sodium peroxide
Hydrogen	Sulfur trioxide
Hydrogen bromide	Sulfuric acid
Helium	Sulfur dioxide
Hydrochloric acid	Thionyl chloride
Hydrofluorosilicic acid	Titanium tetrachloride
Hydrogen fluoride	Uranium hexafluoride
Hydrogen peroxide (all concentrations)	Water

### 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	

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 **Fluoramics, Inc.**

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