

# 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.

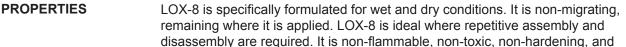
NSN 8030-00-829-3982.

TYPICAL APPLICATIONS

Grease applications include:

greasing oxygen service bearings

- valves
- O-rings
- pumps and regulators
- fire-resistant grease



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

HEALTH & SAFETY

No special handling required.

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

out of eyes.

Applicator gun and plunger sold separately.

NLGI: 1

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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® Technology

Hinder RUST

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

# LOX-8<sup>®</sup> Grease PCTFE/PTFE Grease

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

Acetylene

Aluminum chloride

Ammonia

Ammonium hydroxide Ammonium nitrate Ammonium perchlorate Anhydrous ammonia Antimony trichloride

Argon

Bicarbonate acid Boron trichloride Boron trifluoride

**Bromine** 

Bromine trifluoride (gaseous)

Calcium hypochlorite

Carbon dioxide

Chlorine

Chlorine trifluoride (gaseous)

Chlorosilanes
Chlorosulfonic acid
Chromic acid
Chromyl nitrate
Ethylene oxide
Fuming nitric oxide

Helium Hydrogen

Hydrogen bromide

Helium

Hydrochloric acid Hydrofluorosilicic acid Hydrogen fluoride

Hydrogen peroxide (all concentrations)

Hydrogen sulfide Hydroiodic acid Hypochlorite solutions

lodine

Kerosene

Methane (Biogas) Muriatic acid

Natural gas (liquid & gaseous)

Nitric acid Nitrogen

Nitrogen oxides (all) Nitrogen trifluoride

Oleum

Oxygen (liquid & gaseous)

Ozone

Phosphoric acid
Potassium perchlorate
Potassium persulfate
Propane (liquid & gaseous)
Propylene oxide

Silane

Silicone tetrachloride

Sodium

Sodium hydroxide (all concentrations)

Sodium hypochlorite Sodium peroxide Sulfur trioxide Sulfuric acid Sulfur dioxide Thionyl chloride Titanium tetrachloride Uranium hexafluoride

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

Cured epoxies

**EPDM** 

Ethylene propylene rubber

Fluoro-silicones

Neoprene Polycarbonates

Polyamides

Polyvinyl alcohol Rigid PVC

Rigid CPVC

Teflon type plastics

**Urethanes** 

Viton type plastics

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**Oxygen-Safe Greases & Pastes** 



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