TECHNICAL DATA SHEET: LOX-8® GREASE

LOX-8® 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.

NSF Nonfood Compounds H2

NLGI: 1

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® Technology Hinder*RUST* Oxygen-Safe Greases & Pastes

Fluoramics, Inc.
Winona, MN • Made in the U.S.A.

fluoramics.com
1-507-205-9216
Fax: 507-474-4585

LOX-8® Grease

PCTFE/PTFE Grease

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 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
Iodine
Kerosene
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
Water

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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