**Product Data Sheet**

**Oxygen Compatible OC Five Paste and OC Seven Grease**

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**Solutions for critical and demanding applications where no flammability, compatibility with oxygen and resistance to aggressive chemicals are essential.**

**OC Five Paste** and **OC Seven Grease** are blended formulations consisting of PTFE particles and Halocarbon® oil, producing a superior sealant that is chemically inert and environmentally safe. Both products have been tested and certified by BAM for gaseous and liquid oxygen service.

**OC Five** and **OC Seven** can be used in High Vacuum $10^{-7}$ Torr applications where exposure to corrosive gases is probable. They are superior lubricants which provide leak tight sealing in a wide range of vacuum requirements. These off-white homogenous grease and paste formulations provide unique sealing and lubricating solutions, as their properties remain unaltered over wide temperature ranges – from cryogenic through thermally stable to +450°F. Both are non-flammable, non-migrating, non-toxic, odorless and waterproof as well as anti-corrosive, anti-galling, anti-seize, dielectric and lubricating.

Cost effective for liquid oxygen, liquid nitrogen, cryogenic and vacuum applications to prevent and reduce component and equipment failures, maintenance or downtime.

Available in 2 oz. (57 gram) and 16 oz. (454 gram) jars with resealable lid for ease of use and storage.

Not recommended for aluminum against aluminum applications. Do not use with concentrated alkalis, fluorine (liquid) or chlorine trifluoride (liquid).

**OC Five Paste** and **OC Seven Grease** are compatible with many aggressive chemicals including:

- Acetylene
- Ammonium hydroxide
- Ammonium nitrate
- Ammonium perchlorate
- Antimony trichloride
- Boron trifluoride
- Bromine
- Bromine trifluoride (gaseous)
- Calcium hypochlorite
- Carbon dioxide
- Chlorine trifluoride (gaseous)
- Chlorosilanes
- Chlorosulfonic acid
- Chromic acid
- Ethylene
- Fluorine (gaseous)
- Fuming nitric oxide
- Helium
- Hydrogen
- Hydrogen fluoride
- Hydrogen bromide
- Hydrogen peroxide (all concentrations)
- Hydrogen sulfide
- Hydroxidic acid
- Iodine
- Muriatic acid
- Nitric acid
- Nitrogen trifluoride
- Oleum
- Oxygen (liquid & gaseous)
- Phosphoric acid
- Potassium perchlorate
- Potassium persulfate
- Propylene oxide
- Silicone
- Silicone tetrafluoride
- Sodium
- Sodium hydroxide (all concentrations)
- Sulfur trioxide
- Sulfuric acid
- Titanium tetrachloride
- Uranium hexafluoride

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890-5  OC Five Paste, 2 oz  ...................... each
890-7  OC Seven Paste, 2 oz  ...................... each