

Product Data Sheet

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



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

890-5 OC® Five Paste, 2 oz each

890-7 OC® Seven Paste, 2 oz each

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