

NS-7696-G

Electrical Contact Lubricant

NS-7690-G is a wide temperature range synthetic electrical contact interface grease. Suitable for low current non-arcing and lower value arc (less than 5 amp) sliding contact switches. May also be used on lightly loaded mechanical applications. Exhibits outstanding corrosion protection on Cu, Cu alloy, Ag, Au and Ni metals in areas of high humidity.

Characteristics:

- Good mechanical lubricity and stability
- Temperature range -40°F (-40°C) to +300°F (+149°C)
- Outstanding Cu,Cu alloy, Ni, Ag, and Au corrosion protection
- Compatible with ABS(ABS) & polycarbonates(PC) plastics

Typical Properties

Color	Cream
Thickener	Li Soap
NLGI grade	1
Penetration, ASTM D217, worked, 60 DS	319
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	7
Dropping point, ASTM D2265, °F(°C)	390 (199)
Apparent Viscosity, ASTM D1092, 100 1/s, 77°F,cP	80
Copper corrosion, ASTM D130	1b
Evaporation Loss, ASTM D972, 22 hrs., 210°F, %	0.21
Bomb Oxidation, ASTM D942, 100 hrs. 210°F, psi	1.5

Typical Base Fluid Properties

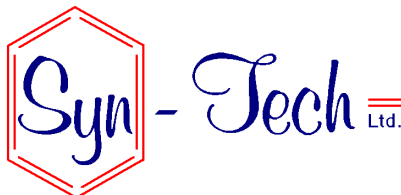
Flash point, ASTM D92, °C	254
Pour point, ASTM D97, °C	-62
Base fluid	Syn. Hydrocarbon

Material Compatibilities:

Compatible with most engineering plastics including ABS and polycarbonate. Not for use with Buna S, Butyl, EPDM, EPR, or natural rubber elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

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1550F W. Fullerton Ave.
Addison, IL 60101 USA

(630) 628-7290
www.syn-techlube.com

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