NS-7696-G1

Electrical Contact Lubricant

A synthetic based grease designed primarily for electrical contact interface lubrication. Suitable for low current non-arcing and lower value arc (less than 5 amp), sliding contact switches. Not suggested for high current switches. May also be used on lightly loaded mechanical applications. Exhibits outstanding oxidation resistance, enhancing the products ability to provide exceptional 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 +275°F (+135°C)
- Outstanding oxidation resistance
- Outstanding Cu,Cu alloy, Ni, Ag, and Au corrosion protection
- Compatible with ABS(ABS) & polycarbonates(PC) plastics

Typical properties

NLGI grade	0.5
Penetration, ASTM D217, worked, 60 DS	347
Dropping point, ASTM D2265, °F(°C)	399 (204)
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	10
Copper corrosion, ASTM D130	1b
Bomb Oxidation, ASTM D942, 100 hrs, 210°F, psi	1.5
Evaporation Loss, ASTM D972, 22 hrs., 210°F, %	0.21
Thickener	Li Soap
Color	Tan

Typical base fluid properties

Base fluid	Synthetic
Viscosity, ASTM D445 @ 40°C, cSt	68
Pour point, ASTM D97, °C	-60
Flash point, ASTM D92, °C	254

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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Syn-Tech Ltd.
1433C W. Fullerton Ave.
Addison, IL 60101 USA
(630) 620-7050
www.syn-techlube.com