

# NS-7502-G

## Low Arc Debris Electrical Contact Lubricant

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NS-7502-G is a non-hydrocarbon electrical contact lubricant designed to prevent contact wear and corrosion. This product has outstanding performance in applications requiring low arc-switching debris, durability, and lubricating qualities over a wide temperature range of -40°F to +275°F. Inhibited for Cu and Ag corrosion, and exhibits good mechanical stability. May be used on switches, potentiometers, lightly loaded gear-trains, etc.

A version is also available for high sliding contact wear prevention - NS-7502-GA.

### Characteristics:

Wide Operating temperature range -40°F to +285°F  
Cu and Ag corrosion protection  
Low residue in arc-switching  
Light tarnish and corrosion reduction capabilities

### Typical properties

NLGI grade	2
Penetration, ASTM D217, worked, 60 DS	279
Dropping point, ASTM D2265, °F(°C)	392(200)
Corrosiveness of Grease, FTM 5309.5, 24 hrs. @100°C	1a
Evaporation Loss, ASTM D972, 22 hrs. @ 210°F, %	.9
Thickener	Li Soap
Color	Light Tan

### Typical base fluid properties

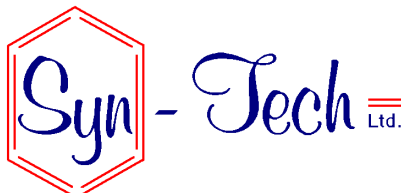
Viscosity, ASTM D445 @ 40°C, cSt	225
Viscosity, ASTM D445 @ 100°C, cSt	37
Flash point, ASTM D92, °C (°F)	227(440)
Base fluid	Synthetic

### Material Compatibilities:

Not for use with ABS, polycarbonate, polyester, PPO, or PVC plastics. Not for use on buna S, butyl, or neoprene elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

01/03 Rev.0

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1433C W. Fullerton Ave.  
Addison, IL 60101 USA  
(630) 620-7050  
[www.syn-techlube.com](http://www.syn-techlube.com)