

# NS-1702-G

## Non-Melting Low Arc Debris Electrical Contact Lube

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NS-1702-G is a non-melting, non-hydrocarbon electrical contact lubricant designed to prevent contact wear and corrosion. This product has outstanding performance in switching applications requiring low arc debris (resulting in lower open circuit resistance and lower milli-volt drops), durability, and low contact wear over a wide temperature range of -40°F to +275°F. Contains additives to prevent Cu and Ag corrosion. May be used on switches, potentiometers, lightly loaded gear-trains, etc.

### Characteristics:

- Non-melting
- Low residue in arc-switching
- Cu and Ag corrosion protection
- Wide Operating temperature range -40°F to +275°F
- Light tarnish and corrosion reduction capabilities

### Typical Properties

Color	Brown
Thickener	Inorganic
NLGI grade	1
Penetration, ASTM D1403, worked, 60 Ds	341
Copper corrosion, ASTM D4048, 24 hrs. @ 100°C	1a
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %	4
Dropping point, ASTM D2265, °C	>260

### Typical Base Fluid Properties

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

### 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.

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