

NS-2402-G

Electrical Contact Lubricant

A low evaporation rate electrical contact lubricant designed for long life at elevated temperatures. Low mechanical friction and improved anti-wear at higher temperatures is exhibited. This product is suitable for high current applications requiring low arc-switching debris with Cu, Cu alloy, Ni, Au and Ag corrosion protection over a temperature range of -40°C(-40°F) to 171°C(340°F). This product exhibits excellent mechanical stability with low fluid migration. May be used in switches, small gearboxes, cables and other similar devices.

Characteristics:

- An operating temperature range of -40°F(-40°C) to +340°F(171°C)
- Nonferrous metal corrosion protection
- Good lubricity for reduced contact wear
- Low evaporation rate for long life

Typical Properties

Color	Amber
Thickener	Li Soap
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	260
Dropping point, ASTM D2265, °F(°C)	374(190)
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %	2
Copper corrosion, 24 hrs. @ 100°C	1b
Evaporation Loss, ASTM D972, 22 hrs. @ 99°C, %	.4

Typical Base Fluid Properties

Base fluid	Ester
Viscosity, ASTM D445 @ 40°C, cSt	17
Viscosity, ASTM D445 @ 100°C, cSt	4
Flash point, ASTM D92, °C	240

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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Lubricants that Solve Problems