

NS-2802-G

Electrical Contact Lubricant

NS-2802-G was designed to lubricate high and low current electrical switch contacts. This product exhibits outstanding protection against sliding contact wear. It also greatly reduces nonferrous metal corrosion due to humidity to provide excellent low current contact stability. Applications include sliding switch contacts (butt action not suggested) and light duty mechanical interfaces. Does not contain silicone fluids.

Characteristics:

- An operating temperature range of -60°F(-51°C) to +225°F(107°C)
- Nonferrous metal corrosion protection
- Excellent lubricity for reduced contact wear

Typical Properties

Color	Amber
Thickener	Li soap
NLGI grade	0
Penetration, ASTM D1403, worked, 60 Ds	380
Dropping point, ASTM D2265, °F(°C)	372 (189)
Oil Separation, ASTM D6184-98, 30 hrs. @ 100°C, %	10
Copper corrosion, 24 hrs. @ 100°C	1b
Evaporation Loss, ASTM D972, 24 hrs., 100°C, %	.7

Typical Base Fluid Properties

Base fluid	Ester
Viscosity, ASTM D445 @ 100°C, cSt	5
Viscosity, ASTM D445 @ 40°C, cSt	26
Viscosity, ASTM D445 @ -40°C, cSt	7300
Pour point, ASTM D97, °C(°F)	-60(-76)
Flash point, ASTM D92, °C (°F)	254(489)

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.2

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