

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

NLGI grade	0
Penetration, ASTM D1403, worked, 60 Ds	380
Dropping point, ASTM D2265, °F(°C)	372 (189)
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %	10
Copper corrosion, 24 hrs. @ 100°C	1b
Evaporation Loss, ASTM D972, 24 hrs., 100°C, %	.7
Thickener	Li soap
Color	Amber

Typical base fluid properties

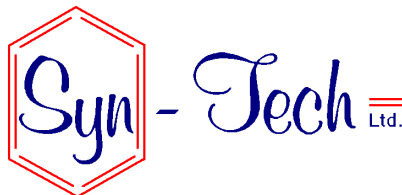
Base fluid	Synthetic
Viscosity, ASTM D445 @ 100°C, cSt	5
Viscosity, ASTM D445 @ 40°C, cSt	26
Viscosity, ASTM D445 @ -40°C, cSt	7300
Pour point, ASTM D97, °C(°F)	-60(-76)
Flash point, ASTM D92, °C (°F)	254(489)

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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