

NS-1709-GD

Synthetic Electrical Contact Grease

NS-1709-G is a fully synthetic NLGI 1.5 electrical contact lubricant designed for use on non-arcing, low current sliding switch contacts where a high quality, low volatility and water washout resistant grease is required. Formulated with oxidation resistant plastics friendly synthetic hydrocarbon base fluids.

Characteristics:

- Prevents wear of sliding switch contacts
- Designed for low current switching
- Corrosion protection for copper components
- Water washout resistant
- Operating temperature range of -40°C to 125°C (-40°F to 257°F)

Typical Properties

Color	Cream
NLGI grade	1.5
Penetration, ASTM D1403, worked, 60 Ds	300
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	5
Specific gravity, 60/60°F, ASTM D1298	.84
Copper corrosion, 24 hrs. @ 100°C	1b

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	67.8
Viscosity, ASTM D445 @ 100°C, cSt	10.7
Viscosity Index, ASTM D2270	147
Flash point, ASTM D92, °C (°F)	235(455)

Material Compatibilities:

Compatible with most engineering plastics including ABS and polycarbonate. Not for use with Buna S, Butyl, EPDM, EPR, or natural rubber elastomers. Check with material manufacturer or Syn-Tech concerning compatibility.

5/09 Rev.0

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