

NS-3297-G

Synthetic Grease for Low Current Switches

A fully synthetic grease designed for use in both mechanical and electrical interfaces. This product was formulated to reduce friction and wear on low current (<0.5 amp) sliding electrical contacts. It provides corrosion protection for non-ferrous metals such as copper and silver over a temperature range of -40°F to +250°F. This product exhibits excellent mechanical stability and low fluid migration, with low evaporation at high temperatures. May be used in switches, small gearboxes, wiper motors, cables and other similar devices. This product does not contain silicone fluid.

Characteristics:

- Low evaporation rate
- High mechanical stability with low migration
- Used on low current sliding electrical contacts
- Excellent Cu & Ag corrosion protection in high humidity
- Wide temperature range of -40°F to +250°F

Typical Properties

Color	Cream
Thickener	Lithium Soap
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	283
Dropping point, ASTM D2265, °C, min.	200
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	2.5
Density, 20°C, g/cc	.84
Copper corrosion, ASTM D130, 24 hrs. @ 210°F	1b

Typical Base Fluid Properties

Base fluid	PAO
Viscosity, ASTM D445 @ 40°C, cSt	33

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.

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