

NS-3297-G

Synthetic Grease

A special purpose grease designed for use in both mechanical and electrical interface situations. This product is suitable for low milliamp and high current applications requiring low arc-switching debris, durability, and copper and silver protection over a temperature range of -40°F to +300°F. This product exhibits excellent mechanical stability and low fluid migration, with low evaporation at high temperatures. Lower mechanical friction and improved anti-wear at higher temperatures is also exhibited. May be used in switches, small gearboxes, wiper motors, cables and other similar devices.

Characteristics:

- Extremely low evaporation rate
- Very high mechanical stability and low migration
- Used on low milliamp and arc-switching sliding contacts
- Excellent Cu & Ag corrosion protection in dry and high humidity
- Wide temperature range of -40°F to +300°F

Typical properties

Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	2.5
Penetration, ASTM D1403, worked, 60 Ds	283
Dropping point, ASTM D2265, °C, min.	200
Density, 20°C, g/cc	.84
Thickener	Lithium Soap

Typical base fluid properties

Viscosity, ASTM D445 @ 40°C, cSt	31
Viscosity, ASTM D445 @ 100°C, cSt	6
Base fluid	Synthetic

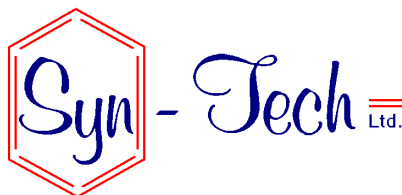
Material Compatibilities:

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.

This product does not contain silicone fluid.

9/03 Rev. 1

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