

NS-396-G

Specialty Grease

A special purpose synthetic grease designed for use as a mechanical and electrical contact interface lubricant. This product is suitable for low current (milliamp) and high current applications requiring low arc-switching debris, durability, and non-ferrous (e.g. Copper, Brass, Silver) corrosion protection over a range of -40°F to +300°F. NS-396-G 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:

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

Typical properties

Penetration, ASTM D1403, worked, 60 Ds	275 - 305
Dropping point, ASTM D2265, °C, min	200
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %, max	6.5
Specific gravity, 60/60°F	.8328
Thickener	Organic

Typical base fluid properties

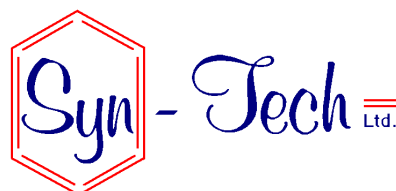
Viscosity, ASTM D445 @ 40°C, cSt	47
Viscosity, ASTM D445 @ 100°C, cSt	7.8
Viscosity, ASTM D445 @ -40°C, cSt	18,000
Base fluid	Synthetic

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 manufacturer or Syn-Tech concerning compatibility.

This product does not contain silicone fluid.

12/97 Rev.2



1433C W. Fullerton Ave.
Addison, IL 60101 USA

(630) 620-7050
www.syn-techlube.com