

NS-1102-G

Electrical Contact Lubricant

A synthetic electrical contact grease designed for lubrication of both mechanical and electrical interfaces. Lower mechanical friction and improved anti-wear at higher temperatures is exhibited. This product is suitable for low current (<25 milliamp) as well as high current applications requiring low arc-switching debris and contact wear prevention. Provides Cu, Cu alloy, Ni, Au and Ag corrosion protection. Usable over a temperature range of -40°C(-40°F) to 171°C(340°F). This product exhibits excellent mechanical stability and controlled fluid migration with low evaporation at high temperatures. May be used in switches, small gearboxes, slides and other similar devices.

Characteristics:

- Wide temperature range -40°C(-40°F) to 171°C(340°F)
- Excellent non-ferrous corrosion protection in both humid & dry environments
- For use on both low milliamp and arc-switching sliding contacts
- Excellent mechanical stability with low migration
- Extremely low evaporation rate

Typical Properties

NLGI grade	1.5
Thickener	Li soap
Penetration, ASTM D1403, worked, 60 Ds	300
Dropping point, ASTM D2265, °F(°C) min.	350 (177)
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	4
Copper corrosion, ASTM D130, 24 hrs. @ 210°F	1b

Typical Base Fluid Properties

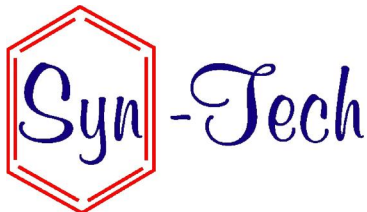
Base fluid	Ester
Viscosity, ASTM D445 @ 40°C, cSt	69
Flash point, ASTM D92, °C	276

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.

04/16 Rev.1

The information provided herein is offered without warranty, express or implied. Because Syn-Tech does not have control over products it gives as samples or sells, we can't guarantee the suitability of the product for your application. The information above is therefore only to be used as a recommendation. It should not be used as the basis of a specification. SOF 7.3-01-07 4/28/17



1550F W. Fullerton Ave.
Addison, IL 60101 USA

(630) 628-7290
www.syn-techlube.com

Lubricants that Solve Problems