

NS-9494-G

Synthetic Contact Grease

A special purpose synthetic grease, designed for use on both mechanical and electrical interfaces. Lower mechanical friction and improved anti-wear at higher temperatures is exhibited. This product is suitable for low milliamp and high current applications requiring low arc-switching debris, durability, with Cu, Cu alloy, Ni, Au and Ag corrosion protection over a temperature range of -40°C(-40°F) to 171°C(340°F). This product exhibits excellent mechanical stability and low fluid migration, with low evaporation at high temperatures. May be used in switches, small gearboxes, cables 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
- Very high mechanical stability with low migration
- Extremely low evaporation rate

Typical properties

Penetration, ASTM D1403, worked, 60 Ds	255 - 285
Dropping point, ASTM D2265, °F(°C) min.	350 (177)
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	5 max.
Copper corrosion, ASTM D130, 3 hrs. @ 210°F	1b
Thickener	Organic

Typical base fluid properties

Viscosity, ASTM D445 @ 40°C, cSt	17
Viscosity, ASTM D445 @ 100°C, cSt	3.9 - 4.2
Flash point, ASTM D92, °C	240
Base fluid	Synthetic

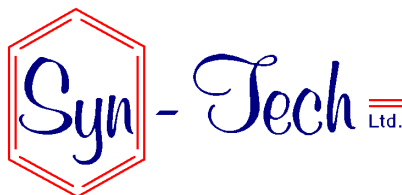
Material Compatibilities:

Not for use with ABS, polycarbonate, polyester, PPO, or PVC plastics. Not for use on buna S, butyl, or neoprene elastomers. Check with Syn-Tech or manufacturer concerning compatibility information.

This product does not contain silicone fluid.

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