

NS-13889-G

Synthetic Contact Grease

A special purpose grease, designed for use in mechanical and electrical interface situations. This product has outstanding performance in applications requiring low arc-switching debris, durability, and lubricating qualities over a wide temperature range of -40°F to +285°F. Inhibited for Cu and Ag corrosion, and exhibits good mechanical stability. May be used on switches, lightly loaded gear-trains, potentiometers, etc.

Characteristics:

- Wide Operating temperature range -40°F to +285°F
- Cu and Ag corrosion protection
- Low residue in arc-switching
- Light tarnish and corrosion reduction capabilities
- Extremely soft consistency

Typical properties

Penetration, ASTM D1403, unworked	370 - 400
Penetration, ASTM D1403, worked, 60 Ds	395 - 425
Dropping point, ASTM D2265, °F, min.	350
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	0.00 - 25.0
Evaporation Loss, ASTM D972, 22 hrs. @ 210°F, %	1.06
Specific gravity, 77/60°F	0.9807
Corrosiveness of Grease, FTM 5309.5, 24 hrs. @100°C	1a
Neutralization Number, ASTM D974	0.15
Neutralization Number, ASTM D974 8 hrs. @100°C	0.16
Shell 4-Ball Wear, ASTM D2266, mm	0.64
Bomb Oxidation, ASTM D942, 100 hrs @ 210°F, psi	9.85
Thickener	Organic

Typical base fluid properties

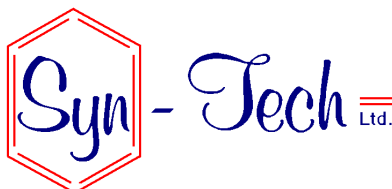
Base fluid	Synthetic
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Material Compatibilities:

While compatible with many plastics, this product is not recommended for use with ABS, polycarbonate, or PPO plastics. Check with Syn-Tech or manufacturer concerning compatibility information.

This product does not contain solids or silicone.

9/96 Rev.1



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