

# NS-12401-G

## Friction Reducing Grease

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NS-12401-G was designed to provide smooth feel to plastic-plastic and plastic-metal sliding interfaces. The use of a high performance viscosity modifier combined with a low viscosity base fluid allows for excellent low temperature use with good high temperature damping ability. This product exhibits excellent mechanical stability and extremely low fluid migration, with low evaporation at high temperatures. Lower mechanical friction and improved anti-wear at higher temperatures are also exhibited. May be used in mechanical sections of switches, small gearboxes, wiper motors, cables and other similar devices.

### Characteristics:

Temperature range of -40°F(-40°C) to +300°F(149°C)  
High mechanical stability  
Exhibits 'smooth feel' and damping properties

### Typical properties

Penetration, ASTM D1403, worked, 60 Ds	313
Oil Separation, FTM 321.3, 24 hrs. @ 212°F, %	0
NLGI grade	1
Color	Cream
Thickener	Li Soap

### Typical base fluid properties

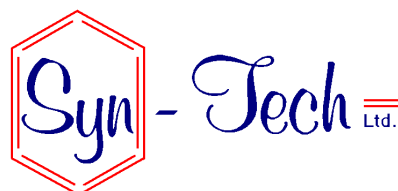
Viscosity, ASTM D445 @ 40°C, cSt	30
Flash point, ASTM D92, °C (°F)	465
Pour point, ASTM D97, °C(°F)	-62(-80)

### 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.

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