

# NS-1705-G

## Synthetic Damping Lubricant

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A medium viscosity silicone based, PTFE enhanced grease formulated for applications requiring damping, stick-slip reduction and noise control properties. High mechanical stability, low migration and oil separation, multi-plastics compatibility and wide operating temperature range are additional features of this product. Excellent anti-wear for plastic to plastic or metal to plastic and other lightly loaded mechanical interfaces. Applications might include automotive visor hinges, ashtrays and cupholders as well as other in-cabin controls, bearings, plastic gears, push-pull cables and slides.

### Characteristics:

- Excellent noise - squeek control
- High film strength for stick-slip reduction
- Moisture and water resistant
- Wide temperature range of -50°C to 150°C
- Non-melting with a low migration rate
- Plastics friendly
- Low volatility - will not fog optics

### Typical Properties

Color	White
NLGI grade	1
Penetration, ASTM D1403, worked, 60 Ds	337
Oil Separation, ASTM D6184-98, 24 hrs. @ 212°F, %	1
Oil Separation, ASTM D6184-98, 24 hrs. @ 150°C, %	2
Evaporation Loss, ASTM D972, 22 hrs. @ 149°C, %	0
Dropping point, ASTM D2265, °F(°C)	>500(260)

### Typical Base Fluid Properties

Base fluid	Silicone
Viscosity, ASTM D445 @ 40°C, cSt	375
Pour point, ASTM D97, °F(°C)	<-55 (-67)
Flash point, ASTM D92, °F(°C)	>600(315)

### Material Compatibilities:

Compatible with most engineering plastics and elastomers. Not for use with silicone rubber. Check with material manufacturer or Syn-Tech concerning compatibility.

12/17 Rev.3

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