

# NS-5302-GL

## Silicone Damping Lubricant

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A medium viscosity silicone fluid based, PTFE enhanced, grease formulated for applications requiring damping and noise control properties. High 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 and other in cabin controls, bearings, plastic gears, push-pull cables and slides.

### Characteristics:

- Excellent noise - squeek control
- High film strength
- Moisture and water resistant
- Wide temperature range (-45°C to 135°C)
- Non-melting with a very low migration rate
- Plastics friendly
- Low volatility - will not fog optics

### Typical Properties

Color	White
NLGI grade	2
Penetration, ASTM D1403, worked, 60 Ds	295
Oil Separation, ASTM D6184-98, 24 hrs. @ 100°C, %	.5
Dropping point, ASTM D2265, °F(°C)	>500(260)

### Typical Base Fluid Properties

Viscosity, ASTM D445 @ 40°C, cSt	10000
Viscosity Index Extended, ASTM D2270	612
Pour point, ASTM D97, °F(°C)	<-51 (-46)
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.

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