

NS-40018-GL2

Low Viscosity Damping Lubricant

A silicone fluid based PTFE enhanced grease formulated for applications requiring a lubricant with 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. Good anti-wear for plastic to plastic or metal to plastic and other lightly loaded mechanical interfaces. Applications might include automotive cabin components such as visor hinges, bearings, plastic gears, push-pull cables and slides.

Characteristics:

- Good noise and squeek control
- High film strength
- Moisture resistant
- Wide temperature range (-65°C to 125°C)
- Non-melting with a low migration rate
- Plastics friendly
- Reduced oil separation

Typical Properties

Color	White
Thickener	Inorganic
NLGI grade	2
Oil Separation, FTM 321.3, 24 hrs. @ 100°C, %	2
Dropping point, ASTM D2265, °F(°C)	>500(260)
Copper corrosion, 24 hrs. @ 100°C	1b
Density, 20°C, g/cc	1.25

Typical Base Fluid Properties

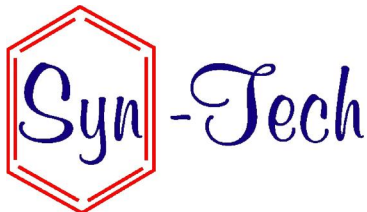
Base fluid	Silicone
Viscosity, ASTM D445 @ 25°C, cSt	50
Viscosity, ASTM D445 @ 100°C, cSt	16
Pour point, ASTM D97, °F(°C)	<-94(-70)
Flash point, ASTM D92, °F(°C)	>540(282)

Material Compatibilities:

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

10/20 Rev.2

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Lubricants that Solve Problems