

40000 Series Damping Lubricants

The 40000 series silicone damping greases were developed by Syn-Tech Ltd. to provide a smooth feel to mechanisms such as sliding or rotating switches, optical equipment such as surveying sights and microscopes, or any device that needs motion control, noise damping, or a “quality” feel. Formulated using the highest quality “plastics friendly” silicone fluids and non-melting thickeners to meet a wide range of damping requirements and operating temperatures. They are also available with PTFE, graphite or molybdenum disulfide for enhanced “smooth feel”. Custom viscosities and colors are available on request.

Characteristics

- Provide “smooth feel”
- Reduces component noise
- Temperature ranges from –50°C to 175°C
- Excellent plastics compatibility
- Color – Translucent to white

Typical Properties

	NS-40032-G Low	NS-40060-G	NS-40150-G	NS-40300-G Damping	NS-43500-G	NS-49000-G	NS-4017K-G High
<b>Base Fluid Properties</b>							
Viscosity, cSt @ 40°C	80	150	375	750	10000	22000	45000
Viscosity, cSt @ 100°C	33	63	154	310	3800	9500	19000
Viscosity Index	420	428	446	480	612	685	715
Flash Point, °C	>315	>315	>315	>315	>315	>315	>315
Pour Point, °C	-60	-55	-50	-50	-47	-44	-43
<b>Grease Properties</b>							
Viscosity (cP) @ 100°C	32	60	150	300	3500	9000	18000
NLGI Grade	1	1	1	1	1	1	1
Oil Separation 24 Hrs. @ 100°C	3	3	2	2	0	0	0
Dropping Point, °C	>260	>260	>260	>260	>260	>260	>260

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The information provided herein is offered without warranty, express or implied. Because Syn-Tech does not have control over products it gives as samples or sells, we can't guarantee the suitability of the product for your application. The information above is therefore only to be used as a recommendation.

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