



TECHNICAL DATA SHEET

SUPER LUBE® SILICONE BRAKE GREASE WITH SYNCOLON® (PTFE)

April 2018

PRODUCT DESCRIPTION:

Super Lube® Silicone Brake Grease with Syncolon® (PTFE) is a non-curing silicone compound ideal for the entire brake assembly. It is waterproof and protects against moisture and other contaminants.

Super Lube® Silicone Brake Grease with Syncolon® (PTFE) is translucent white, clean and clear in appearance and dampens vibrations between contact points.

Super Lube® Silicone Brake Grease with Syncolon® (PTFE) will not harden, dry out or melt.



FEATURES:

- ❖ Eliminates disc brake squeal
- ❖ Safe for caliper seals
- ❖ Seals out moisture
- ❖ Prevents rust and corrosion
- ❖ Compatible with majority of rubber and plastic compounds
- ❖ Excellent heat transfer efficiency
- ❖ High dielectric strength
- ❖ Viscosity stable
- ❖ Thermally stable
- ❖ Environmentally friendly
- ❖ Biodegradable

TYPICAL APPLICATIONS:

- ❖ Caliper slides and pivot points
- ❖ Weather stripping and trunk seals
- ❖ Rubber gaskets and O-rings
- ❖ Electrical connectors
- ❖ Window channels
- ❖ Hood strips and pads

PACKAGE SIZES:

Part No.	Description
97008	8 oz. Tube



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PROPERTIES:

Test	Test Method	Rating
NLGI Grade:	ASTM D1092	2
Color:		Translucent white
Temperature Range:		-40°F to 500°F (-40°C to 260°C)
Viscosity (Base Oil) cSt @ 25°C:	ASTM D445	5000
Specific Gravity @ 25°C (77°F):	ASTM D1298	0.90
Penetration, Worked 60 strokes:	ASTM D217	265 – 295
Vapor Pressure @ 200°C (Pascal):		1.33
Specific Heat (Joules/g,°C)		1.5
Thermal Conductivity (Watt/m.°C):		0.16
Dielectric Strength (Volts/mil, 50 mil gap):	CTM 0114	400
Dielectric Loss:	ASTM D924	1.2 x 10 ¹²
Dielectric Resistivity @ 25°C (ohm/cm):	ASTM D1169	1 x 10 ¹⁵
Dielectric Constant @25°C between 0.5 and 100 kHz:	ASTM D924	2.8
Oil Separation, 21 hrs. / 100°C:	ASTM D6184	<2%
Evaporation Loss 22 hrs. @ 212°F (100°C)	ASTM D972	< 1%
Flash Point:	ASTM D92	>572°F (300°C)
Melting Point:		No Melt
Water Washout:	ASTM D1264	< 1%
Biodegradability:	CEC-L33-T82	50% degradability in 28-35 days 60+% degradability in 56 days



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DIRECTIONS:

- Clean and dry area to be treated.
- Lubricate caliper slides and pivot points.
- Apply with a clean cloth, brush, sponge or finger.
- Remove excess.

SHELF LIFE / WARRANTY:

Super Lube® products have a five (5) year recommended shelf life when stored in the original container and in reasonable ambient conditions. The warranty period is twenty-four (24) months from the date of purchase. For complete information visit www.super-lube.com/what-is-the-shelf-life-ezp-320.html.



See Safety Data Sheet (SDS) for further details regarding safe use of this product.



Made in USA

The information provided in this Technical Data Sheet including the recommendations for use and application of the product are based on our knowledge and experience of the product as of the date of this bulletin. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. Synco Chemical Corporation is, therefore not liable for the suitability of our product for the production processes and conditions in respect for which you use them, as well as the intended applications and results. We strongly recommend that you carry out your own prior trials to confirm such suitability of our product.

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