



TECHNICAL BULLETIN

SUPER LUBE® MULTI-PURPOSE SYNTHETIC GREASE WITH SYNCOLON® (PTFE)

April 2016

PRODUCT DESCRIPTION:

Super Lube® Grease is a patented synthetic NLGI grade 2, heavy-duty, multi-purpose lubricant with Synconol® (PTFE). Synthetic base fluids and the addition of Synconol® (PTFE) micro powders combine to form a premium lubricant that provides longer life protection against friction, wear, rust and corrosion. Machinery lasts longer, downtime is reduced and productivity is increased.

Super Lube® Grease is a NSF registered Food Grade lubricant, rated H1 for incidental food contact. Meets former USDA (H1) guidelines.

Super Lube® Grease offers good mechanical stability, does not evaporate or form gummy deposits. It will not melt or separate.



FEATURES:

- ❖ Dielectric
- ❖ Food grade and clean
- ❖ Will not drip, run or evaporate
- ❖ Impervious to salt water, safe in potable water
- ❖ Long lasting
- ❖ Prevents rust and corrosion while reducing friction
- ❖ Wide temperature range -45°F to 450°F (-43°C to 232°C)
- ❖ Compatible with most other greases
- ❖ Excellent water resistance and rust inhibiting properties
- ❖ Outlasts conventional greases 3 to 4 times
- ❖ NSF Registered (H1), # 096790
- ❖ Environmentally friendly
- ❖ NLGI GC-LB Approved
- ❖ Kosher Certified

TYPICAL APPLICATIONS:

- ❖ Plain, anti-friction, ball, roller, wheel bearings
- ❖ Cams, slides, valves, conveyors, chains
- ❖ O-ring lubrication
- ❖ Food processing equipment
- ❖ Caliper assembly and bearing grease
- ❖ Hubs, axles, chassis, shocks, springs
- ❖ Seat regulators and tracks
- ❖ Fifth wheels
- ❖ Parts lubricant
- ❖ Winches, pulleys, snaps
- ❖ Trailer and buddy bearings
- ❖ Dielectric applications, battery protector
- ❖ Campers, trailers, bicycles, guns, fishing gear, motorcycles, hunting gear
- ❖ Weight and fitness equipment
- ❖ Linkages, hinges and locks
- ❖ Lawn mowers, garage doors, snow blowers, sewing machines
- ❖ Faucets and pool pumps
- ❖ Garden and farm equipment





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PACKAGE SIZES:

Description	Part Numbers				
	NLGI-Grade 2	NLGI-Grade 1	NLGI-Grade 0	NLGI-Grade 00	NLGI-Grade 000
1 cc Packet	82340	-	-	-	-
6 cc Syringe	21006	-	-	-	-
½ oz. Tube	21010	-	-	-	-
½ oz. Tube-Blistered	21014	-	-	-	-
3 oz. Tube	21030	-	-	-	-
3 oz. Cartridge	21036	-	-	-	-
14 oz. Cartridge	41150	41150/1	41150/0	41150/00	41150/000
14 oz. Canister	41160	41160/1	41160/0	41160/00	41160/000
450 ml. Bellow Cartridge	41580	41580/1	41580/0	-	-
5 lb. Pail	41050	41050/1	41050/0	41050/00	41050/000
30 lb. Pail	41030	41030/1	41030/0	41030/00	41030/000
120 lb. Keg	41120	41120/1	41120/0	41120/00	41120/000
400 lb. Drum	41140	41140/1	41140/0	41140/00	41140/000

PROPERTIES:

Test	Test Method	Rating
Color:		Translucent White
NLGI Grade:	ASTM D217	2
Dropping Point:	ASTM D2265	>550°F (287°C)
Four Ball Wear	ASTM D2266	<1.0 mm
Load wear index:	ASTM 2596	70.63 kgf
Weld point:		400 kg
Oxidation Stability - 100 hrs.	ASTM D942	0.5 psi drop
Wheel bearing leakage:	ASTM D4290	2.1 g
Copper Corrosion - 24 hrs. @ 100°C	ASTM D4048	1B, shiny
Water Washout:	ASTM 1264	0.40%

DIRECTIONS:

- Clean and dry area/equipment to be treated.
- When using on bearings, wipe grease fittings clean before pumping grease to avoid contamination. Do not over-grease, as excessive heating may result. Fill bearing 1/3 to 1/2 full normally and monitor to establish a regular maintenance schedule. Periodically clean and repack bearings with fresh grease.
- For best results, we recommend purging other greases before using our product.
- Re-apply as necessary.





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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 manufacture. 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.



The information provided in this Technical Bulletin 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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