

# Super Lube®



SUPER LUBE® KEEPS YOUR BUSINESS RUNNING SMOOTHLY



## Synthetic Lubricant

Multi-purpose

Non-toxic

Odorless

Food grade

Lasts 3-4 times longer  
than conventional lubricants

## Our Mission



Synco Chemical Corporation is a privately held manufacturing company founded in 1980 in Bohemia, New York. Early on the company pioneered the development of synthetic fiber optic cable filling compounds and supplied all major telecommunication companies around the world as demand for this type of product increased.

Along the way, Synco improved on its original product and developed Super Lube®, a line of premium synthetic lubricants. Designed for an endless array of applications, Super Lube® synthetic greases and oils are clean, non-toxic, food-grade lubricants marketed to consumer and industrial customers around the world.

Synco Chemical Corporation maintains a quality system which complies with the requirements of major customers, industry standards and the ISO 9001: 2008 quality management standard.

### Contact Information

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ISO 9001: 2008  
CERTIFIED



NLGI  
NATIONAL LUBRICATING  
GREASE INSTITUTE



## Super Lube® Multi-Purpose Synthetic Grease

Super Lube® Grease is a patented synthetic, multi-purpose lubricant with Syncolon® (PTFE). Synthetic base fluids and the addition of PTFE micro powders combine to form a premium lubricant that provides protection against friction, wear, rust and corrosion over a temperature range of -45°F to +450°F.

Super Lube® Grease is a USDA/NSF listed Food Grade lubricant NLGI-2, rated H-1 for incidental food contact, and will not run, drip, melt or separate.

Compatible with most other lubricants, Super Lube® outlasts conventional greases 3-4 times.

\* /1 = identifies NLGI consistency.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
82340	1 cc Packet	5,000	41030	30 lb Pail	1
21006	6 cc Syringe	12	41120	120 lb Keg	1
21010	1/2 oz Tube	12	41140	400 lb Drum	1
21014	1/2 oz Tube - bulk	400	*41150/1	14.1 oz (400 gram) Cartridge	12
21030	3 oz Tube	12	*41050/1	5 lb Pail	4
21036	3 oz Cartridge	12	*41030/1	30 lb Pail	1
41150	400 gram Cartridge	12	*41120/1	120 lb Keg	1
41160	400 gram Can	12	*41140/1	400 lb Drum	1
41050	5 lb Pail	4			



## Super Lube® Silicone Dielectric Grease

Super Lube® Silicone Dielectric Grease is a non-curing Silicone compound clean and clear in appearance, exhibits high dielectric strength, and is ideal for sealing, protecting and insulating electrical components and connectors.

Super Lube® Silicone Dielectric Grease is waterproof, compatible with most plastics, and protects against moisture and other contaminants in electrical connections.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
91003	3 oz Tube	12	91005	5 lb Pail	4
91015	14.1 oz (400 gram) Cartridge	12	91030	30 lb Pail	1
91016	14.1 oz (400 gram) Canister	12	91400	400 lb Drum	1



## Super Lube® Silicone Lubricating Grease

Super Lube® Silicone Lubricating Grease with Syncolon® (PTFE) has a wider operating temperature range than most petroleum based greases and is compatible with the major rubber and plastic compounds.

Super Lube® Silicone Lubricating Grease is ideal for lubricating o-rings and seals when the rubber compound is not known.

Super Lube® Silicone Lubricating Grease will not harden, dry out or melt.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
92003	3 oz Tube	12	92030	30 lb Pail	1
92150	400 gram Cartridge	12	92400	400 lb Drum	1
92016	400 gram Can	12	97008	8 oz Tube (Brake Grease)	12
92005	5 lb Pail	4			

## Super Lube® Greases (continued)



### Super Lube® High Temperature, Extreme Pressure Grease

Super Lube® High Temperature, Extreme Pressure Grease is an NLGI -2 grease for use in those applications that require a higher concentration of Syncolon® (PTFE) and a temperature range from -30°F to +475°F. It is ideal for use in manufacturing facilities where higher performance and extended service life are critical lubricant requirements.

Super Lube® High Temperature, Extreme Pressure Grease is a USDA/NSF listed Food Grade lubricant, rated H-1 for incidental food contact.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
70006	6 cc High Temp. syringe	12	70050	5 lb Pail	4
70150	14.1 oz(400 gram) Cartridge of Grease	12	70300	30 lb Pail	1
70160	14.1 oz(400 gram) Canister of Grease	12	70120	120 lb Keg	1



### Super Lube® Synthetic Railroad Grease

Super Lube® Railroad Grease is an NLGI -1 grade grease specially formulated for trackside lubricators used to reduce the noise and wear associated with wheel flange to curved rail sections on light rail systems.

Rated H-1 by the USDA and NSF for incidental contact with food or potable water, Super Lube® Railroad Grease offers an environmentally friendly alternative to the typical curve grease.

The addition of Syncolon® (PTFE), enhances the lubricity of the synthetic base oil, and accounts for the exceptionally long tracking results achieved, which reduces the number of lubricators required, resulting in an overall cost savings.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
41040	40 lb Pail	1	41400	400 lb Drum	1



### Super Lube® Nuclear Grade Approved Grease

Super Lube®-N, the nuclear grade of Super Lube® multi-purpose grease was developed specifically to meet the requirements of GE Nuclear Specification D50YP12 Rev.2. It is an NLGI-2 bearing grease and can be used to lubricate wire rope, chain, pulleys, bearings, and anything that slides, swivels, rolls or squeaks in nuclear facilities.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
42150	14.1 oz(400 gram) Cartridge	12	42140	400 lb Drum	1
42130	30 lb Pail	1			



For more product information or to place an order, visit our website at [www.super-lube.com](http://www.super-lube.com)



# Super Lube® Aerosols/Sprays



## Super Lube® Multi-Purpose Aerosol

Super Lube® Aerosol with Syncolon® (PTFE) is a multi-purpose lubricant, consisting of Super Lube® Grease in a solvent carrier, that cleans and penetrates the components to be lubricated, then the solvent evaporates leaving behind a film of synthetic grease which provides long lasting lubricant protection. Super Lube® Aerosol with Syncolon® (PTFE) is USDA/NSF listed, rated H-1 for use in federally inspected meat and poultry plants.

Mfg#	Description	Pack Size
31040	6 oz Aerosol	12
31110	11 oz Aerosol	12



## Super Lube® DRI-FILM

Super Lube® DRI-FILM lubricant contains Syncolon® (PTFE) in a solvent carrier that cleans and penetrates, then the solvent quickly evaporates leaving behind a dry coating of PTFE powder. The dry coating provides a low coefficient of friction which gives excellent lubrication and release properties. Super Lube® DRI-FILM can be used on wood, paper, glass, rubber, fabric, leather, vinyl, metal and most plastics not under stress. It has excellent thermal and chemical stability, forming a natural insulating barrier when used on electronics.

Mfg#	Description	Pack Size
11016	11 oz DRI FILM	12



## Syncopen® Aerosol

Syncopen® Aerosol is a fast-acting, penetrating, spray that cuts through rust or corrosion in those hard to reach places, to allow easy removal of rusted and corroded screws, nuts or bolts. Syncopen® Aerosol leaves a protective film of synthetic oil to help prevent future rusting or corrosion. Syncopen® Aerosol is USDA/NSF rated H-1 for incidental food contact.

Mfg#	Description	Pack Size
85011	11 oz Penetrant	12



## Super Lube® Silicone Aerosol

Super Lube® Silicone Aerosol is a general purpose lubricant designed to prevent sticking, squeaking and binding. It is specially formulated to meet the requirements of the automotive, industrial and agricultural industries. Super Lube® Silicone Aerosol is colorless, heat stable, non-staining and water resistant. It is safe to use on metal, glass, rubber and most plastics. The silicone base has high dielectric capabilities and protects against rust and corrosion. Super Lube® Silicone Aerosol is rated H-1 by USDA/NSF for incidental food contact.

Mfg#	Description	Pack Size
91110	11 oz Silicone	12



## Super Lube® Non-Aerosol Pumps

To address the environmental concerns of those industrial facilities that do not allow the use of aerosol products, Super Lube® Multi-Purpose lubricant and Syncopen® Synthetic Penetrant are available in one quart Trigger Sprayers.

Mfg#	Description	Pack Size
51600	1 quart Trigger Sprayer Multipurpose	12
85032	1 quart Trigger Sprayer Syncopen®	12

GREASES

AEROSOLS/SPRAYS

SYNTHETIC OILS

SPECIALTY PRODUCTS

COMPARISONS/WARRANTIES

# Super Lube® Synthetic Oils



## Super Lube® Oil with PTFE (High Viscosity)

Super Lube® Oil with Syncolon® (PTFE) is a blend of premium synthetic PAO oil, Mineral oil, PTFE micron sized powder and powerful additives that provide superior lubrication protection against friction, wear, rust and corrosion. Machinery lasts longer, downtime is reduced, and productivity is increased.

Super Lube® Oil with Syncolon® (PTFE) is safe on metal, rubber, plastic, wood, leather, fabric and painted surfaces. It is USDA/NSF listed H-1 for incidental food contact.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
51010	7 ml Precision Oiler	12	51040	1 gallon Bottle	4
51014	7 ml Precision Oiler Bulk	400	51050	5 gallon Pail	1
51004	4 oz Bottle	6	51550	55 gallon Drum	1
51030	1 quart Bottle	12			



## Super Lube® Oil w/o PTFE (Low Visc. Lt. Wgt. Oil)

Super Lube® Synthetic Lightweight Oil has an operating temperature range of -40°F to +500°F. It is ideal for misting, dripping, spindle oil applications, and as a food-grade chain lubricant and rust inhibitor. It is an excellent electrical motor and sintered bearing lubricant.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
52004	4 oz Bottle	6	52040	1 gallon Bottle	4
52020	1 pint Bottle	12	52050	5 gallon Pail	1
52030	1 quart Bottle	12	52550	55 gallon Drum	1



## Super Lube® Air Tool Lubricant

Super Lube® Air Tool Lubricant is formulated to meet the special requirements of industrial, commercial, household and agricultural tools. It lubricates, absorbs water and minimizes ice buildup and frost in air tools. Blended rust and corrosion inhibitors and a synthetic base fluid oil reduce wear and allow operation of air tools at temperatures as low as -40°F.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
12004	4 oz Bottle	6	12040	1 gallon Bottle	4
12016	1 pint Bottle	12	12050	5 gallon Pail	1
12032	1 quart Bottle	12	12155	55 gallon Drum	1



## Syncopen® Synthetic Penetrant Bulk (Metal Protectant)

Super Lube® Synthetic Penetrant is a fast-acting, penetrating solvent and synthetic oil that cuts through rust or corrosion. Syncopen® penetrates hard to reach areas to allow easy removal of rusted and corroded screws, nuts or bolts. Syncopen® penetrates, lubricates and leaves a protective film to help prevent future rusting or corrosion.

Mfg#	Description	Pack Size
85010	1 gallon Bottle	4
85050	5 gallon Pail	1
85055	55 gallon Drum	1

## Super Lube® Synthetic Oils (continued)



### Super Lube® Synthetic Gear Oil ISO 150, 220, 320, 460

Super Lube® Synthetic Gear Oil is a USDA listed Food Grade lubricant, rated H-1 for incidental food contact. It is a clean, translucent oil with superior anti-wear and extreme pressure properties, suitable for lubricating spur, helical, herringbone, rack and pinion, straight and spiral bevel, and worm gears.

Excellent oxidation resistance, rust and corrosion protection and the ability to readily separate from water, make it ideally suited for chain drives, worm gears, and gear boxes.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
54100	1 quart (ISO 150) Bottle	12	54300	1 quart (ISO 320) Bottle	12
54101	1 gallon (ISO 150) Bottle	4	54301	1 gallon (ISO 320) Bottle	4
54105	5 gallon (ISO 150) Pail	1	54305	5 gallon (ISO 320) Pail	1
54155	55 gallon (ISO 150) Drum	1	54355	55 gallon (ISO 320) Drum	1
54200	1 quart (ISO 220) Bottle	12	54432	1 quart (ISO 460) Bottle	12
54201	1 gallon (ISO 220) Bottle	4	54401	1 gallon (ISO 460) Bottle	4
54205	5 gallon (ISO 220) Pail	1	54405	5 gallon (ISO 460) Pail	1
54255	55 gallon (ISO 220) Drum	1	54455	55 gallon (ISO 460) Drum	1



### Super Lube® Non-Flammable Hydraulic Oil

Selective additives for corrosion protection and enhanced lubricity in a water - glycol base provides a high performance fire resistant hydraulic fluid that offers excellent protection from wear, rust and vapor phase corrosion.

Mfg#	Description	Pack Size
86050	5 gallon Pail	1
86055	55 gallon Drum	1



### Super Lube® Railroad Switchplate Synthetic Oil

Rated H-1 by the USDA and NSF for incidental contact with food or potable water, Super Lube® Switchplate Oil offers an environmentally friendly alternative to the typical graphite oils.

The oil can be applied by brushing, pouring or spraying. With a temperature range from -45° to +450° F, there is no need to stock seasonal viscosities.

The addition of Syncolon® (PTFE), enhances the lubricity of the synthetic base oil, and accounts for the exceptionally long service intervals, resulting in an overall cost savings.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
58010	1 gallon Bottle	4	58055	55 gallon Drum	1
58050	5 gallon Pail	1			



### Super Lube® Low Temperature Synthetic Oil (< -50°F)

Super Lube® Low Temperature Synthetic Oil is ideal for torque sensitive applications that are operating at low temperatures and require a thin oil that will not cause drag or binding due to viscosity.

Mfg#	Description	Pack Size
74050	5 gallon Pail	1
74055	55 gallon Drum	1

GREASES

AEROSOLS/SPRAYS

SYNTHETIC OILS

SPECIALTY PRODUCTS

COMPARISONS/WARRANTIES

## Super Lube® Synthetic Oils (continued)



### Super Lube® H-3 Direct Food Contact Oil

Super Lube® H-3 Direct Food Contact Oil is a lightweight 8-10 cSt oil that can be used in direct food contact applications in meat and poultry plants. It is suited for use in general light oil applications, oil feeders, conveyors and as a meat hook metal protectant.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
60004	4 oz Bottle	6	60040	1 gallon Bottle	4
60016	16 oz Bottle	12	60050	5 gallon Pail	1
60032	32 oz Bottle	12	60550	55 gallon Drum	1



### Super Lube® Grommet Lube

Super Lube® Grommet Lube is a rubber insertion lubricant, compatible with most plastics and rubbers, which will assist in the attachment and insertion of rubber and soft plastic parts where there is a tight fit. Grommet Lube is an aqueous polymeric solution that is non-flammable, has a wide operating temperature range, low coefficient of friction, and dries clean offering superior temporary lubrication and will not leave any residue ensuring the part will function according to the original specification.

Mfg#	Description	Pack Size
80050	5 gallon Pail	1
80055	55 gallon Drum	1

## Specialty Products



### Super Lube® Engine Treatment

Super Lube® Engine Treatment combines the special low friction qualities of Syncon® (PTFE) in a synthetic base oil that bonds with the cylinder walls and bearing surfaces to substantially reduce wear.

It is an effective treatment for all metal surfaces and can be used in both diesel and gasoline engines. It protects your engine during cold starts when even the best motor oils are not effective. It is non-toxic, biodegradable and environmentally safe. It reduces engine wear and can be used in applications other than the engine.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
20320	1 quart Bottle	12	20020	4 oz Motorcycle Booster	6
20040	4 oz Booster	6			



### Super Lube® SuperPull Compound

Super Lube® SuperPull Compound is a translucent, aqueous fluid compound that has an extremely low coefficient of friction, used to reduce the force required to pull power, telephone and fiber optic cables through long runs of conduit. It is compatible with LDPE, MDPE, HDPE, Polypropylene, PVC, Neoprene and Polyurethane cable jacketing materials. It will not burn, or damage cable sheathing in long term exposure, and can be used in temperatures from -15°F to +220°F.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
80320	1 quart Bottle	12	80050	5 gallon Pail	1
80010	1 gallon Bottle	4			



## Specialty Products (continued)



### Super Lube® Anti-Corrosion Gel

Super Lube® Anti-Corrosion Gel is a specially formulated high molecular weight synthetic connector gel used as a dielectric compound and as a corrosion inhibitor for plugs, connectors, electrical terminals, electrical fittings, spark plugs and coil connectors. It is a superior oxidation barrier, clear in appearance, and environmentally friendly. Excellent film strength provides long life protection against corrosion, rust and fretting wear of contacts.

Super Lube® Anti-Corrosion Gel will provide much better protection than typical grease. The thin "00" viscosity of the product makes it easy to coat and prepare a barrier of protection that will outlast conventional greases.

Note: Should not be used as a lubricant.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
82003	3 oz Tube	12	82030	30 lb Pail	1
82016	14.1 oz(400gram) Canister	12			



### Super Lube® Silicone Heat Sink Compound

Super Lube® Silicone Heat Sink Compound is a blend of pure silicone oil with thermally conductive, fine metal oxide powder that forms an interface to facilitate the transfer of heat from an electrical device to its heat sink or chassis. It will not harden, dry out or melt, and extends the life of heat sensitive electrical components.

Mfg#	Description	Pack Size
98003	3 oz Tube	12
98030	30 lb Pail	1



### Super Lube® Super Kleen

Super Lube® Super Kleen Cleaner/Degreaser is an aqueous, phosphate free, industrial, multi-purpose alkaline solution formulated for cleaning and degreasing virtually any surface. Safe for use on aluminum, formica, stainless steel, rubber, concrete floors, carpets, ovens, fans, woodwork and tile. Use full strength or dilute if desired.

Mfg#	Description	Pack Size	Mfg#	Description	Pack Size
10004	4 oz Mist Spray Bottle	6	10005	5 gallon Pail	1
10032	1 quart Trigger Sprayer	12	10060	55 gallon Drum	1
10001	1 gallon Bottle	4			



Super Lube® displays provide a premium product in an extremely attractive package. For more product information or to place an order, visit our website at [www.super-lube.com](http://www.super-lube.com)



# Comparisons/Warranties

## Comparison of Viscosity Classification Systems

- Viscosities can be related horizontally only.
- Viscosities based on 95 VI single-grade oils.
- ASTM & AGMA specified at 104°F (40°C).
- SAE 5W and 10W and 75W, 80W and 85W specified at 0°F.
- Equivalent viscosities for 104°F and 212°F shown.
- SAE 20 to 50 and 90 to 250 specified at 212°F.
- ISO grades specified at 40°C (104°F).

SUS @ 104°F (40°C)	CST @ 104°F (40°C)	SAE grade motor oils	SAE grade gear oils	(Old System) ASTM visc. grades industrial lubricants	(New System) ISO grades	AGMA grades	SUS @ 212°F (100°C)	CST @ 212°F (100°C)
10,000	3,000			7,000	1,500		330	70
8,000	2,000			4,650	1,000	8A	300	60
6,000	1,500		250	3,150	680	8	250	50
5,000	1,000		140	2,150	460	7	200	40
4,000	800		90	1,500	320	6	160	30
3,000	700	50		1,000	220	5	140	25
2,000	500	40		700	150	4	120	20
1,500	400	30	85W	465	100	3	100	15
1,000	300	20	80W	315	68	2	90	12
800	200	20W		215	46	1	80	10
700	150	10W	75W	150	32		70	8
600	100	5W		105	22		60	6
500	80			75	15		55	5
400	60			60	10		50	4
300	40			40	7		45	3
200	30			32			40	2
150	20						37	
100	10							
80	8							
60	6							
50	4							
40								

## Grease NLGI Number and Corresponding ASTM Worked Penetration Range

NLGI	Worked Penetration Range
000	445 to 475
00	400 to 430
0	355 to 385
1	310 to 340
2	265 to 295
3	220 to 250
4	175 to 205
5	130 to 160
6	85 to 115

## PRODUCT WARRANTY

The following shall supersede any provision in your company's forms, letters and papers. There is no representation, ever, warranty or condition, whether expressed or implied by any statute or otherwise, including warranties and conditions of merchantability, fitness for a particular purpose, or any other matter for the product or product(s) herein. While the information contained herein is believed to be reliable, Synco Chemical Corporation makes no representations as to the reliability of the results or as to the results the buyer or user will achieve. No statements or recommendations herein are to be construed as representations applicable to the particular applications of the user or now or hereafter in existence.

Under no circumstances shall Synco Chemical Corporation be liable for personal injury, property, or economic loss or for incidental, consequential, special, punitive or indirect damages whatsoever of any description or amount from alleged negligence, breach of warranty or condition, strict liability, tort, contract, defective product (patent or latent) or any other legal theory, arising out of the manufacture, sale, use or handling of the product(s) referred to herein or relating in any other way to such product(s). Buyer's sole remedy and Synco Chemical Corporation's sole liability for any claims whatsoever, whether based upon any of the above causes or otherwise, shall be limited to the buyer's purchase price of the product which is the subject of the claim or the amount actually paid for such product, whichever is less. Technical advice furnished by seller shall not constitute a warranty or condition, statutory or otherwise, which is expressly disclaimed, all such advice being given and accepted at the buyer's risk.

All returns with retail value exceeding \$10.00 require return authorizations. Our receiving department will not accept returns without prior authorization. Returns are subject to factory inspection, and if not returned as defective, must be shipped freight prepaid and must be in resalable condition. We reserve the right to levy a restocking charge. Not responsible for typographical errors.



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