



TECHNICAL DATA SHEET

SUPER LUBE® MULTI-PURPOSE SYNTHETIC OIL WITH SYNCOLON® (PTFE) NON-AEROSOL PUMP

March 2018

PRODUCT DESCRIPTION:

Super Lube® Multi-Purpose Synthetic Oil with Syncolon® (PTFE) Non-Aerosol pump was developed because of environmental concerns. Many industrial facilities do not allow the use of aerosol products. This product addresses these needs.

Super Lube® Multi-Purpose Synthetic Oil is a premium synthetic oil with suspended Syncolon® (PTFE) particles that is used as a general-purpose lubricant for industrial machinery and equipment. Provides protection against friction, wear, rust and corrosion. Machinery lasts longer, downtime is reduced, and productivity is increased.

Super Lube® Multi-Purpose Synthetic Oil with Syncolon® (PTFE) is safe to use on metal, plastic, wood, leather, painted surfaces and most rubbers.

Super Lube® Multi-Purpose Synthetic Oil with Syncolon® (PTFE) is a NSF registered Food Grade Lubricant, rated H1 for incidental food contact. Meets former USDA (H1) guidelines.



FEATURES:

- ❖ Ozone friendly
- ❖ No CFCs
- ❖ Reduces friction and wear
- ❖ Prevents rust and corrosion
- ❖ Will not attract dust
- ❖ Fortified with Syncolon® (PTFE)
- ❖ Displaces moisture
- ❖ Dielectric
- ❖ Environmentally friendly
- ❖ Biodegradable
- ❖ Kosher certified
- ❖ NSF Registered H1, # 136742

TYPICAL APPLICATIONS:

- ❖ Linkages, hinges and locks
- ❖ Canvas snaps and zippers
- ❖ Winches and sail tracks
- ❖ Trailer rollers and casters
- ❖ Prop shafts/trim tabs
- ❖ Windows, garage doors, appliances
- ❖ Sewing machines, lawn mowers
- ❖ Shop tools, cutting oils
- ❖ Campers/trailers, mopeds/go carts
- ❖ Motorcycles, snow mobiles, jet skis, ski bindings
- ❖ Fishing and hunting gear, firearms
- ❖ Food processing equipment



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PACKAGE SIZES:

Part No.	Description
51600	1 Quart Bottle with Trigger Sprayer

PROPERTIES:

Test	Test Method	Rating
Color:		Translucent
Temperature range		
Continuous:		-45°F to 450°F (-43°C to 232°C)
Intermittent:		-50°F to 500°F (-45°C to 260°C)
Viscosity		
cSt @ 100°C:	ASTM D445	19
cSt @ 40°C:	ASTM D445	127
ISO Grade:	ASTM D445	150
Replaces ISO Grades:		150 - 220
Replaces SAE Grade Gear Oils:		85W
Viscosity Index:	ASTM D2270	168
Specific Gravity:	ASTM D1298	.89 @ 60°F
Pour Point:	DSTM D97	-30°F (-34°C) maximum
Lbs./Gallon:		7.4 @ 60°F
Water, PPM	ASTM D1744	35 ppm
Tan:	ASTM D974	0.04 maximum
Four Ball Test	ASTM D2783	
Load Wear Index:		21.2 kg
Weld Point:		126 kg
Four Ball EP Test Scar Diameter:	ASTM D4172	0.47 mm
Salt Spray Test (100 hrs.)	ASTM B117	Pass
Dielectric Loss:	ASTM D924	1.2 x 10 ¹²
Dielectric Resistivity:	ASTM D1169	1.7 x 10 ¹⁴
Dielectric Constant:	ASTM D924	2.5
Evaporation Loss 22 hrs. @ 212°F (100°C)	ASTM D972	< 2%
Oxidation Stability, 100 hrs.:	ASTM D942 and D943	4 psi
Timken OK Load:	ASTM D2782	40 lbs.



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Flash Point:	ASTM D92	>428°F (220°C)
Fire Point:	ASTM D92	>572°F (300°C)
Copper Corrosion 24 hrs. @ 100°C	ASTM D130	1A
Acid Number:	ASTM D664	.5 mg KOH/g
Biodegradability:	CEC-L33-T82	50% degradability in 28-35 days 60+% degradability in 56 days

DIRECTIONS:

- Wipe areas to be treated.
- Apply enough oil to coat all areas of contact.
- Re-apply as needed.

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 data sheet. 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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