



TECHNICAL DATA SHEET

SUPER LUBE® HIGH TEMPERATURE EXTREME PRESSURE GREASE WITH SYNCOLON® (PTFE)

March 2017

PRODUCT DESCRIPTION:

Super Lube® High Temperature Extreme Pressure Grease with Syncolon® (PTFE) is an NLGI #2 grease with an extremely high concentration of Syncolon® (PTFE) and an operating temperature range from -30°F to 475°F.

Super Lube® High Temperature Extreme Pressure Grease is ideal for use in manufacturing facilities where safety, thermal stability, performance and extended service life are critical lubricant requirements.

Super Lube® High Temperature Extreme Pressure Grease is a NSF listed Food Grade lubricant, rated H1 for incidental food contact.



FEATURES:

- ❖ Dielectric
- ❖ Food grade and clean
- ❖ Maximum temperature up to 650°F, intermittently
- ❖ Excellent resistance to salt water and most detergents
- ❖ Resists corrosive chemicals
- ❖ Will not dry out or form harmful abrasive deposit
- ❖ No oil separation
- ❖ Superior E.P.^{SB} characteristics
- ❖ Good film strength
- ❖ Outlasts conventional greases
- ❖ Creates a highly concentrated Syncolon® (PTFE) barrier
- ❖ Environmentally friendly
- ❖ NSF Registered (H1), #141972.
- ❖ Kosher Certified

TYPICAL APPLICATIONS:

- ❖ Plain and anti-friction bearings
- ❖ Tenter frames
- ❖ Bakery conveyor bearings
- ❖ Blower fan bearings
- ❖ Plywood drying ovens
- ❖ High temperature ovens
- ❖ Furnace door hinges
- ❖ Corrugating machinery
- ❖ Service gates
- ❖ Wind turbines (e.g. Blade bearings)
- ❖ 5th Wheel
- ❖ Generator bearings
- ❖ Food processing equipment
- ❖ Cleanroom applications
- ❖ Robotic equipment



TECHNICAL DATA SHEET

SUPER LUBE® HIGH TEMPERATURE EXTREME PRESSURE GREASE WITH SYNCOLON® (PTFE)

March 2017

PACKAGE SIZES:

Part No.	Description
70006	6 cc. Syringe
71150	14.1 oz. (400 gram) Cartridge
71160	14.1 oz. (400 gram) Canister
70050	5 lb. Pail
70300	30 lb. Pail
70120	120 lb. Keg
70400	400 lb. Drum

PROPERTIES:

Test	Test Method	Rating
Color		Translucent white
Penetration-worked 60 strokes	ASTM D217	265 – 295
Temperature range	-30°F (-34°C) to 475°F (246°C) -30°F (-34°C) to 650°F (343°C)	Continuous Intermittent
Dropping point	ASTM D566	Non-melt
Four ball test	ASTM D2266	< 1.0 mm
Load wear index	ASTM D2596	124.6 kg.
Weld point	ASTM D2596	500 kg.
Timken OK load	ASTM D2509	40 lbs.
Copper strip corrosion		1B, Shiny
NLGI		2

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.

All Super Lube® and Syncolon® trademarks in this document are trademarks of Synco Chemical Corporation.