



TECHNICAL DATA SHEET

SUPER LUBE® SYNCOPEN® SYNTHETIC PENETRANT

February 2019

PRODUCT DESCRIPTION:

Super Lube® Syncopen® Synthetic Penetrant is a fast-acting, penetrating synthetic oil that cuts through rust and corrosion.

Super Lube® Syncopen® Synthetic Penetrant penetrates hard to reach areas to allow easy removal of rusted and corroded screws, nuts or bolts. Lubricates and leaves a protective film to help prevent future rusting or corrosion. The bottle was developed due to environmental concerns as many industrial facilities do not allow the use of aerosol products.

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



FEATURES:

- ❖ Cleans and penetrates
- ❖ Loosens rusted parts
- ❖ Frees sticky mechanisms
- ❖ Stops squeaks
- ❖ Protects against rust and corrosion
- ❖ Drives out moisture
- ❖ Leaves a protective lubricating film
- ❖ Environmentally friendly
- ❖ Biodegradable
- ❖ NSF Registered (H1), # 152002

TYPICAL APPLICATIONS:

- ❖ Rusted nuts, bolts and screws
- ❖ Metalworking
- ❖ High speed spindle oil<sup>®</sup>
- ❖ Facilities maintenance
- ❖ Food processing equipment

PACKAGE SIZES:

Part No.	Description
85004	4 oz. Bottle
85032	1 quart Trigger Sprayer Bottle (Non-Aerosol)
85010	1 gallon Bottle
85050	5 gallon Pail
85055	55 gallon Drum

\* Also available in an 11 oz. Aerosol



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PROPERTIES:

Test	Test Method	Rating
Color:		Translucent clear
Density	ASTM D1298	.85 g/cm <sup>3</sup>
Pour point	ASTM D97	-30° F (-34° C)
Salt spray test (500 hrs.)	ASTM B117	Pass
Copper corrosion (24 hrs. @ 100° C)	ASTM D130	1A
VOC content		< 25%
Biodegradability	ASTM D7373	50% degradability in 28-35 days 60+% degradability in 56 days
Viscosity		
cSt @ 40°C:	ASTM D445	53 – 60
cSt @ 100°C:	ASTM D445	8.0 – 9.0

DIRECTIONS:

- Shake well
- Apply liberally on rusted parts
- Allow time to soak
- Tap parts to help loosen
- Reapply and repeat process

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](http://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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