



## TECHNICAL DATA SHEET

### SUPER LUBE® SYNCOPEN® SYNTHETIC PENETRANT

March 2024

#### PRODUCT DESCRIPTION:

Super Lube® Syncopen® Synthetic Penetrant Fluid with well-balanced performance is suitable for a range of applications.

In addition to the penetrating qualities, the Synthetic Oil utilized makes this an excellent multi-use oil for various applications.

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



#### FEATURES:

- ❖ Resistant to oxidation
- ❖ Separates readily from water
- ❖ Resistant to foaming
- ❖ Zinc Free
- ❖ Cleans and penetrates
- ❖ Drives out moisture
- ❖ Rusted nuts, bolts and screws
- ❖ NSF Registered (H1) # 152002

#### TYPICAL APPLICATIONS:

- ❖ Hydraulic
- ❖ Compressors
- ❖ Thermal-heat transfer
- ❖ High speed spindles
- ❖ Spindle bearings
- ❖ Precision grinders
- ❖ Lathes
- ❖ Jig borers and tracing mechanisms
- ❖ Laboratory equipment
- ❖ Sensitive instruments
- ❖ Chains
- ❖ Cables
- ❖ Pumps
- ❖ Bearings
- ❖ Motors
- ❖ Air Line Lubricators

#### 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%
Viscosity		
cSt @ 40°C:	ASTM D445	3.0 – 3.3
cSt @ 100°C:	ASTM D445	1.2 – 1.4

#### 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. Kano Laboratories LLC 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® trademarks in this document are trademarks of Kano Laboratories LLC.