



ISO-9001 Registered Quality System.  
ISO-21469 Compliant.

**Sales, Service & Distribution Center**  
Newark, NJ 07105  
Phone: 973-589-9150 Fax: 973-589-4432

**Manufacturing, Sales, Service & Distribution Center**  
Toledo, OH 43605  
Phone: 419-691-2491 Fax: 419-693-3806

**Sales and Tech Service Support**  
Phone: 1-800-733-4755

## PRODUCT DATA

# LUBRIPLATE SYN-FG SDO CONCENTRATE

## Synthetic Food Grade Sugar Dissolving Oil Concentrate

"This product is certified OU Kosher Pareve"  
"This product is Halal Certified"

\*NSF International H-1 Registration No. 166995  
NSF ISO 21469

### DESCRIPTION

LUBRIPLATE SYN-FG SDO CONCENTRATE is an NSF H1 registered food grade synthetic sugar dissolving oil. SYN-FG SDO CONCENTRATE is specifically designed to remove sugar deposits and to lubricate machine components exposed to sugar contamination reducing and preventing future sugar buildup. Water can be added to LUBRIPLATE SYN-FG SDO CONCENTRATE to lower viscosity and more quickly dissolve sugar buildup.

### APPLICATIONS

- ⇒ Removal of sugar, syrup, caramel and fondant residues on lubricated machine components and metal surfaces found in confectionary, baking, beverage, and pharmaceutical industries.
- ⇒ Lubrication and prevention of future sugar buildup when applied to chain, slides, bearings, cams, tracks, ways, pneumatic cylinders, open gears, fasteners, and many other lubricated machine components on food and pharmaceutical packaging/processing machinery.
- ⇒ Recommended water addition of 20% for optimum performance

### ADVANTAGES

- ⇒ NSF H1 Registered Food Grade
- ⇒ Non-Toxic & Odorless
- ⇒ Water Soluble Fluid
- ⇒ Does Not Contain Sulfur, Chlorine, or Mineral oil
- ⇒ Dissolves Sugar, Lubricates & Prevents Sugar Buildup
- ⇒ Reduces Wear & Corrosion
- ⇒ Multi-Purpose Lubricant
- ⇒ This fluid is fire resistant

### COMPATIBILITY

This fluid is a synthetic polyalkylene glycol which is not compatible with hydrocarbon based fluids such as mineral oils and polyalphaolefins (PAO)

### STORAGE RECOMMENDATIONS

- ⇒ Products should be stored between 40°F-120°F
- ⇒ Products should be stored in a dry covered environment
- ⇒ Products should not be stored in warm, direct sunlight
- ⇒ Improper storage conditions can significantly alter the shelf life of the product. Such conditions would include temperature, moisture, open containers, etc.

### Typical Test Data

PROPERTY	TEST METHOD	TYPICAL RESULTS*
Consistency		Liquid
Odor		None
<b>Viscosity:</b>		
Viscosity @ 40°C	ASTM D-2270	70-100 cSt
Visc @ 40°C (diluted)	ASTM D-2270	25-35 cSt
Viscosity Index	ASTM D-2270	250-300
Specific Gravity	ASTM D-1298	1.14
Acid Number	ASTM D-974	<0.1
Flash Point	ASTM D-92	>450F
Color	ASTM D-1500	<0.5

### PACKAGING AVAILABLE

Carton 4/1 Gallon Jugs  
5 Gallon Pail  
55 Gallon Drum

### Part No.

L0571-057  
L0571-060  
L0571-062

**\*NSF International H-1 Registration No. 166995**  
(Meets former USDA 1998 Guidelines)

*\*Registered H-1 by NSF International for use in food processing facilities as a lubricant or anti-rust agent on equipment in which there may be incidental contact involving the lubricated part and the edible product.*

*"LUBRIPLATE SYN-FG SDO CONCENTRATE contains no components derived from TSE/BSE relevant animal species; therefore, it is compliant with the requirements of the TSE Note for Guidance EMA/410/01 Rev. 3 July 2011."*

