



Introducing a New, Advanced, Synthetic, NSF H1 Registered Sugar Dissolving Oil

LUBRIPLATE® SYN-FG SDO

Synthetic Food Grade Sugar Dissolving Oil



Designed to lubricate machine components exposed to sugar contamination while removing sugar deposits and preventing future sugar buildup.

- Ideal for machinery found in the confectionary, baking, beverage and pharmaceutical industries.
- For the removal of sugar, syrup, caramel and fondant residues on lubricated machine components and metal surfaces.
- Provides lubrication and the prevention of future sugar build-up when applied to chain, slides, bearings, cams, tracks, ways, pneumatic cylinders, open gears, fasteners, slicer blades, and many other lubricated machine components on food and pharmaceutical packaging/processing machinery.



Lubriplate®
Lubricants

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LUBRICATION SOFTWARE / FOLLOW-UP OIL ANALYSIS



LUBRIPLATE® SYN-FG SDO

Synthetic Food Grade Sugar Dissolving Oil

DESCRIPTION

LUBRIPLATE SYN-FG SDO is an NSF H1 registered food grade synthetic sugar dissolving oil. SYN-FG SDO is specifically designed to remove sugar deposits and to lubricate machine components exposed to sugar contamination reducing and preventing future sugar buildup.

APPLICATIONS

For the 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.

HOW TO APPLY

LUBRIPLATE SYN-FG SDO is designed to be hand applied to paint free surfaces, either by hand or by some means of automatic lubrication. This could be as simple as a gravity feed drip oiler. When first starting to use the Syn FG SDO, it may be beneficial to over lubricate and or saturate the surface, in order to displace any other oils present, as well as to help remove any existing sugar buildup that may have been deposited over time in several layers. Once the initial amount of sugar has been removed, the volume/frequency can be adjusted as necessary to maintain a well lubricated machine and future sugar buildup.

ADVANTAGES

- NSF H1 Registered Food Grade (Reg. No. 163477) - Non-Toxic & Odorless.
- Water Soluble Fluid - Does Not Contain Sulfur, Chlorine or Mineral Oil
- Multi-Purpose Lubricant - Reduces Friction, Wear, Rust and Corrosion.
- Fire Resistant Fluid.

COMPATIBILITY

LUBRIPLATE SYN-FG SDO is to be used straight, and is not an additive. It should not be mixed with mineral oils or PAO type synthetic oils. Usage on painted surfaces or plastics should be minimized or avoided. Contact Lubriplate technical services for more information about specific material compatibility.

SPECIFICATIONS

Typical Test Data	Test Method	Results
Consistency		Liquid
Odor		None
Viscosity SUS @ 100°F	ASTM D-2161	115 - 162
Viscosity cSt @ 40°C	ASTM D-445	25 - 35
Viscosity SUS @ 210°F	ASTM D-2161	37 - 42
Viscosity cSt @ 100°C	ASTM D-445	8 - 9
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	> 450°F
Color	ASTM D-1500	< 0.5
NSF H1 Registration Number		163477
Packaging Available		Part Number
Carton 4 / 1 Gallon Jugs		L0570-057
5 Gallon Pail		L0570-060
55 Gallon Drum		L0570-062

