

SYF 990-DRAWPLUS 15
FOOD GRADE ALUMINIUM DRAWING LUBRICANTS
NSF CERTIFIED, CATEGORY H1

Product Description

SYF-990 Synthetic Food Grade Lubricant is a range of non-toxic, mineral hydrocarbon free drawing fluids for use within clean environments. The product is approved by NSF International as H1 grade Lubricant. The product meets requirements of USDA H1* 21 CFR. (Registered by NSF (Class H1) for use where there is potential for incidental contact with food. These products meet the former guidelines (1998) of the US Department of Agriculture Food Safety and Inspection Service (USDA FSIS) for H1 use (lubricant with incidental food contact) and listed in Miscellaneous Publication No 1419 "List of Proprietary Substances and Nonfood Compounds". Product contains only substances permitted under US 21 CFR 178.3570, 178.3620 and 182 for use in lubricants with incidental food contact.)

SYF 990-DRAWPLUS 15 is a high quality food grade solvent oil. It also suitable for pressing and drawing of aluminum sheets for production of containers, trays and caps used in pharmaceutical and food industry and blanking of grates, fins and heat exchangers used in mechanical and electrical industries SYF 990-DRAWPLUS 15 has been developed as odor free solvent – based metal working oil designed for use in relatively light-duty operation such as blanking, bending, punching and piercing of thin sheet- metal parts. It has been used for a wide variety of parts manufacturing operations for a long time. Particularly in electric and electronic industry lots of successful result has been obtained on copper and copper alloy stamping operations such as electric contacts and connectors. This lubricant is mainly made from paraffinic hydrocarbon solvent and contains no chlorine and no sulfur additives. But it contains special additives to extend tool life, to control friction, to protect parts surface from corrosion. Since this blanking oil has an ability to evaporate and it leaves only very thin film on the parts after finishing the press operations, it has been satisfactorily used as cleaning less stamping oil in various parts-manufacturing industries. SYF 990-DRAWPLUS 15 will evaporate nearly completely under usual tool temperatures. The alloy element secure good electrical conduct resistances even after longer storage times. Surface & dimension tolerance will be ensured even with high number of strokes. SYF 990-DRAWPLUS 15 has especially been developed for forming electrical contact materials.

Features and Benefits

This product is 100% chlorine free with good lubrication, good corrosion protection, excellent anti weld properties, and low evaporating.

Typical Properties

SYF 990- DRAWPLUS 15	
Appearance	Light yellow
Viscosity Index, ASTM D 2270	1.33
Pour Point, °C, ASTM D 97	-28
Flash Point, °C, ASTM D 92	45
Density @ 29°C kg/l, ASTM D 4052	1.33

Applications

- Suitable for pressing and drawing of aluminum sheets for production of containers, trays, and caps used in pharmaceutical and food industries.

Due to continual product research and development, the information contained herein is subject to change without notification. Typical Properties may vary slightly.

The Material Safety Data Sheet (MSDS) are available upon request through our sales office.

* All related specifications are meets or exceeds.

Available packs in - 5 20, 50 & 210 Ltr.