



## **GOLD SFO 2018**

### **PRODUCT DESCRIPTION:-**

**GOLD SFO 2018** is a high performance base stock or component for spin finish oil for man-made fiber production. Gold SFO 2018 develops for polyamide, polyester, polypropylene, polyethylene, rayon, acetate and elastomer fibers and yarns. It is a fully eco friendly.

### **PROPERTIES:-**

The primary functions of a spin finish are to provide surface lubrication to the fibre/filament, antistatic action and good fibre-to-fibre cohesion. In order to perform these functions, a spin finish should have the following desirable properties:

- It is provide good lubricity to reduce the fibre-to-metal (F/M) friction in order to prevent fibre abrasion and maintain low, uniform tension during processing.
- It is reduce the static charge build-up during processing.
- A balanced degree of cohesion is necessary, as too much lubricity may cause fibre slippage resulting in package distortion in winding and other operations.
- It have a controlled viscosity range; too low a viscosity causes difficulties in slinging and low yam frictional values, while too high a viscosity causes excessive add-on coupled with high frictional values.
- For consistent viscosity, the spin finish is resistant to bacterial growth; it also not forms insoluble resinous compounds in the presence of oxygen.
- It is corrosion resistant and should not cause damage to rollers, guides or needles.
- It is non-allergenic, non-toxic and ecologically acceptable.
- Spin finishes are generally applied in emulsion; hence they are easily emulsifiable.
- Easy to removal of water soluble GOLD SFO2018 in aqueous scouring; reducing finish associated dyeing problems.
- Favorable combination of friction properties for high speeds and stable package winds.

### **PRODUCT CHARACTERISTICS:-**

<b>GOLD SFO 2018</b>	
<b>Characteristics</b>	<b>Specification</b>
Appearance	Colorless
PH, 10% Aqueous Solution	5.5 – 7.5
Water Solubility, Room Temperature	Miscible

### **CHARACTERISTICS OF GOLD SFO 2018 LUBRICANTS IN FIBER FINISHES: -**

	Yarn- to- Metal Friction		Yarn-to-Yarn	
Gold Lubricant	Low Speed	High Speed	Static Generation	Stick-Slip
SFO2018	Moderate	High	Low	Moderate

### FEATURES AND BENEFITS:-

Gold lubricants differ substantially from petroleum, animal and vegetable oils. As synthetic products, they can be controlled and varied to a degree not possible with natural oils and lubricants.

FEATURES	BENEFITS
Lubricity	Lower Coefficient of Friction
Miscibility	Either or Water Soluble
High Viscosity Index	Wider operating Temperature range
Solvency	Clean valves
Cleanliness	No sludge, Varnish, Gums and Tars
Stability	Long Service Life
High Boiling and Flash Points	Safety, High-Temperature Service
Elastomer Compatibility	Fewer Equipment Limitations

### PACKAGING OPTIONS:

GOLD SFO2018 is offered in 26, 50 & 210 Liter.

### INSTRUCTIONS FOR USE:-

As per your requirement on presence of technical supported company supervision.

### SAFETY:-

Material Safety Data Sheets are available at our web site: [www.goldoilcorporation.com](http://www.goldoilcorporation.com)

### STORAGE AND WARRANTY PERIOD:-

The warranty period is 12 months from date of manufacture from technical supported company supervision. If stored in the original unopened shipping container at above freezing temperature. Recommended extended storage container condition: at room temperature.