

## Technical Data Sheet

### Texol Fibresyn™ SF

Fully Synthetic Textile Lubricant

#### Product Description

The FIBRESYN™ SF materials are synthetic based products that help formulators meet today's demand for high performance synthetic lubricants.

- Clear water soluble
- With product – specific additives
- Outstanding lubricating effect and high wear protection ensure low machine temperatures
- Excellent ageing stability
- High corrosion protection
- Contains a high part of additives supporting the washing out effect
- Neutral action to varnish, elastomeric bonds as well as synthetic fiber ( spandex )

Meets the requirements of US FDA 21 CFR 172 . 878 & 21 CFR 178 . 3620 ( a ) , USP 32 NF 27 ( United States Pharmacopoeia ) EP - 2008 ( European Pharmacopoeia ) and BP – 2009 ( British Pharmacopoeia ) Standards.

#### Applications and Uses

FIBRESYN™ SF Lubricants are specially formulated lubricant oil for texturising of polyester, nylon and T/C blended yarn helping to reduce friction between yarn and guides in the machine. It prevents yarn breakage and hairiness. It improves anti-static properties, is non-yellowing and self emulsifiable. FIBRESYN™ SF is used as a spin finish for PP filament yarn.

Recommended Oil Pick Up for polyester yarn      % 0.5 – 4.8

#### Typical Properties

Property (Unit)	SF	Method
Density at +15 °C	1130	DIN 51757
Viscosity @40°C, cSt	15	DIN 51562
Viscosity Index	145	DIN ISO 2909
Flash Point, °C	>135	DIN ISO 2592
Pour Point, °C	< -15	DIN ISO 3016

#### Notes for Use

Basically TEXOL oils are easily removable by washing.

Due to different factors of influence during the bleaching and washing process, we cannot give any recommendation for the treatment of oil-contaminated fabric.

Please **always** check the washability under **real conditions** in your production.