

## Technical Data Sheet

### Texol Fibresyn™ SF

Fully Synthetic Textile Lubricant

#### Product Description

The FIBRESYN™ SF materials are synthetic ester 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 )

#### 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      % 2.9 – 4.8

#### Typical Properties

Property (Unit)	SF 100	SF 150	SF 220	Method
Density at +15 °C	1150	1180	1190	DIN 51757
Viscosity @40°C, cSt	100	150	220	DIN 51562
Viscosity Index	116	118	124	DIN ISO 2909
Flash Point, °C	232	244	256	DIN ISO 2592
Pour Point, °C	< -34	< -32	< -30	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.