

Technical Data Sheet

Texol Fibresyn™ WS Series

Fully Synthetic Textile Lubricant

Product Description

The FIBRESYN™ WS 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)
- 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™ WS 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.

Recommended Oil Pick Up for polyester yarn % 1.5 – 4.8

Typical Properties

Property (Unit)	WS 32	WS 68	WS 100	Method
Density at +15 °C	1010	1015	1023	DIN 51757
Viscosity @40°C, cSt	32	68	100	DIN 51562
Viscosity Index	141	148	152	DIN ISO 2909
Flash Point, °C	256	264	266	DIN ISO 2592
Pour Point, °C	< -28	< -20	< -17	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.