

# LUBCON<sup>®</sup> Textile Services



**Superior High Quality Lubricants  
for the Textile Industry**

# Optimize Operational Reliability from Spinning to Finishing



## Quality Lubricants Tailored for Textile Machines

**LUBCON®**

### Your Global Partner for Special Lubricants

Lubricant Consult GmbH is a worldwide operating lubricant manufacturer developing, producing and distributing high-performance oils, greases, pastes and sprays for all industrial applications. The German company with the trademark "LUBCON" was founded in 1980 and has established an extensive network of subsidiaries, sales representatives and lubrication experts in over 50 countries around the world.

Our degree of specialisation, the high innovation rate and our first-class products are just a few reasons for the growing success of the LUBCON brand in the world market.



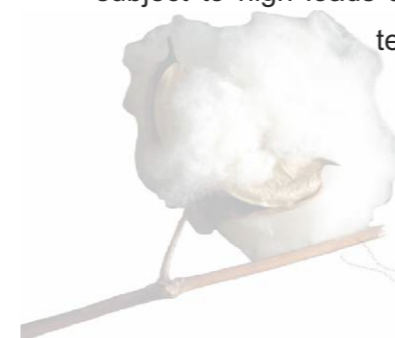
[www.lubcon.com](http://www.lubcon.com)

Browse our product range and find your local technical expert!

From raw cotton to finished textile is a long manufacturing process that depends on reliability and performance of the entire textile machinery. Whether in cotton or synthetic fibre yarn production, fabric knitting and weaving or in textile dyeing and finishing: Machine elements are constantly subject to high loads and have to operate efficiently. High speeds, wide

- ✓ Cotton Processing
- ✓ Synthetic Fibre Processing
- ✓ Knitting and Weaving
- ✓ Textile Dyeing & Finishing

temperature ranges, humidity and other chemical or media influences impede an optimum manufacturing process on a daily basis.



### LUBCON® Special Lubricants Quality is our Advantage:

- ✓ reduction of operating cost
- ✓ longer maintenance intervals
- ✓ reduced noise and energy consumption
- ✓ higher operational reliability
- ✓ protection against wear and corrosion
- ✓ lubricants resistant to water and media
- ✓ special greases for high temperatures
- ✓ easy scouring knitting oils



### Smart Solutions: Lubrication Systems

- ✓ reduced risk of contamination
- ✓ optimised lubrication quantity



LUBCON developed automatic lubrication systems with short and regular lubrication intervals to maintain an optimum lubricant quantity level in a ball bearing, for example. From a single point lubricator up to a central lubrication system for conveyor chains, LUBCON provides the right lubrication system.

# High Quality Lubricants for the Textile Industry

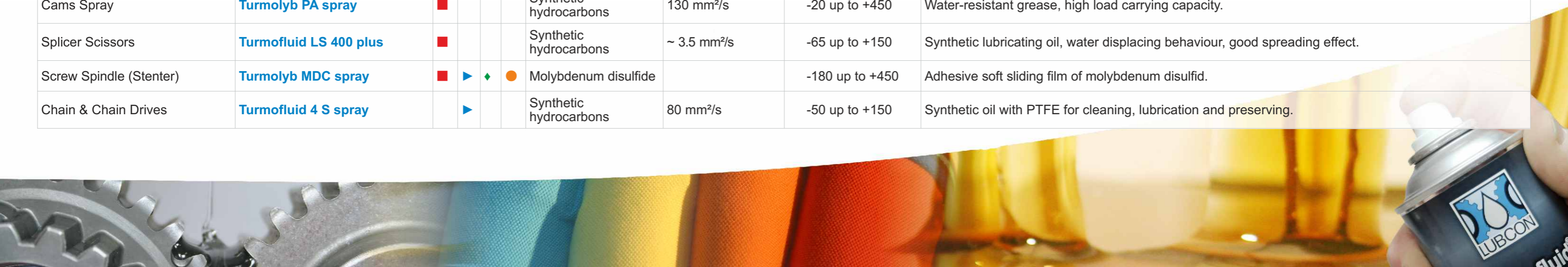
\* ■ = Spinning + Fibre Processing ▶ = Dyeing & Finishing ◆ = Weaving ● = Knitting

Application	Products	Industrial Area*	Base Oil/Thickener	Base Oil Viscosity (at 40°C)	Temperature range in °C	Features & Benefits
<b>Bearings</b>						
Multipurpose Grease	<b>Turmoplex 2 EP</b>	■ ▶ ◆ ●	Mineral oil/Li-soap	120 mm <sup>2</sup> /s	-30 up to +120	Universal grease with good water resistance & high load carrying capacity.
	<b>Turmogrease Li 802 EP</b>	■ ▶ ◆ ●	SHC-Mineral oil/Li-soap	82 mm <sup>2</sup> /s	-40 up to +140	Multipurpose grease for high loads and a broad temperature range.
	<b>Turmogrease CAK 2502</b>	▶	Mineral oil/Ca-sulfonate complex soap	250 mm <sup>2</sup> /s	-30 up to +150	Excellent water and media resistance, very good protection against corrosion.
	<b>Turmogrease 2 PA</b>	▶	Al-complex soap/Mineral oil	220 mm <sup>2</sup> /s	-30 up to +160	Water-resistant grease with high load carrying capacity.
High Performance Synthetic Grease	<b>Turmogrease N2</b>	■ ▶ ◆	SHC – Ester/Polyurea	150 mm <sup>2</sup> /s	-40 up to +160	Synthetic grease stable to water and steam, high temperature stability.
	<b>Turmogrease N2 MF</b>	▶ ◆	SHC - Ester/Polyurea	150 mm <sup>2</sup> /s	-40 up to +200	Synthetic special grease including a solid lubricant for high load applications.
	<b>Turmogrease HDC 2</b>	■ ▶ ◆	Mineral oil/Ca-sulfonate complex soap	410 mm <sup>2</sup> /s	-30 up to +150	Grease with high load carrying capacity and excellent corrosion protection.
	<b>Turmogrease PHS 1002</b>	■ ▶ ◆	SHC - Mineral oil/Polyurea	105 mm <sup>2</sup> /s	-40 up to +160	Temperature stable grease, resistant to water, steam, acid and alkaline media.
High Speed Grease	<b>Turmogrease Highspeed L 252</b>	■	SHC-Ester/Li-special soap	25 mm <sup>2</sup> /s	-50 up to +120	Grease with long service life, also for low temperature applications.
	<b>Turmogrease LC 252</b>	■	SHC-Ester/Li-Ca special soap	25 mm <sup>2</sup> /s	-45 up to +120	For high speed bearings, good water resistance.
	<b>Thermoplex 2 TML special</b>	■	Ester/Li-soap	18.5 mm <sup>2</sup> /s	-70 up to +130	Synthetic high speed grease. Lifetime lubrication, also for low temperatures.
Extreme Temperature Grease	<b>Turmotemp II/400 KL</b>	▶ ◆	PFPE/PTFE	400 mm <sup>2</sup> /s	-30 up to +260	Special grease for high temperatures, excellent chemical stability.
	<b>Sintono Mega 2</b>	■ ▶	PFPE/Polyurea	500 mm <sup>2</sup> /s	-30 up to + 260	Special grease for high temperature roller bearings.
Oscilating Movement	<b>Turmoplex 1585 WS</b>	▶	Mineral oil/Li-soap	103 mm <sup>2</sup> /s	-25 up to +120	Special grease with solid lubricants for applications with oscillating movements and vibrations.
Rapier Front Roller	<b>Turmogrease Highspeed L 251</b>	▶	PAO-Ester/Li-special soap	25 mm <sup>2</sup> /s	-40 up to +120	Soft high speed grease for bearings and gears with high metal affinity.
<b>Chain</b>						
Multipurpose Chain Oil	<b>Turmofluid ED 13</b>	■ ▶ ◆	SHC	20 mm <sup>2</sup> /s	-45 up to +150	Chain Oil, water displacing behaviour, corrosion protection. Also suitable as multipurpose lubricant.
High Temperature Chain Oil	<b>Turmofluid 40 B</b>	■ ▶ ◆	Ester - SHC	270 mm <sup>2</sup> /s	-20 up to +300	High temperature chain oil. High ageing stability and wear protection.
<b>Paste</b>						
Anti Seize Paste	<b>Turmopast TAS AL</b>	■ ▶ ◆	Mineral oil/inorganic thickener		up to 1100	High temperature antiseize paste, high pressure absorbtion, against fretting corrosion.
Assembly Paste, Threads, Bolts, Hinges, Guides, Cams	<b>Turmopast NBI 2 white</b>	■ ▶ ◆	Mineral oil/Ca-complex soap	100 mm <sup>2</sup> /s	-30 up to +150	Water-resistant paste with white solid lubricants, prevents fretting and tribocorossion.
	<b>Turmopast GM 5</b>	■ ▶ ◆	Polyglycol/inorganic thickener	220 mm <sup>2</sup> /s	-40 up to +450	Special paste with high load carrying capacity and high temperature stability.



# High Quality Lubricants for the Textile Industry

Application	Products	Industrial Area*	Base Oil/Thickener	Base Oil Viscosity (at 40°C)	Temperature range in °C	Features & Benefits
<b>Gears</b>						
Open Gear Grease	<a href="#">Grizzlygrease No.1</a>	■ ▶ ◆ ●	Mineral oil/Li-Ca special soap	800 mm <sup>2</sup> /s	-30 up to +150	Grease for heavy loaded gears, excellent corrosion and wear protection.
Semifluid Gear Grease	<a href="#">Turmoplex EL 000 EP</a>	■ ▶ ◆ ●	Mineral oil/Li-soap	150 mm <sup>2</sup> /s	-35 up to +120	Soft flow grease offering excellent wear protection.
Multipurpose Gear Oil	<a href="#">Turmogearoil OM series</a>	■ ▶ ◆ ●	Mineral oil	22 – 664 mm <sup>2</sup> /s	up to +120	Gear oils for high loads and good corrosion protection.
High Performance Synth. Gear Oil	<a href="#">Turmofluid GV series</a>	■ ▶ ◆ ●	Synthetic hydrocarbons (SHC)	19 – 686 mm <sup>2</sup> /s	see datasheet	Synthetic oils for broad temperature ranges with high load capacity.
Worm, Bevel Gear and Geared Motor Oil	<a href="#">Turmopoloil HT series</a>	■ ◆	Polyglycol	68-1060 mm <sup>2</sup> /s	-40 up to +200	Polyglycol based oils for extreme mechanical and thermal requirements.
<b>Hydraulic Systems</b>						
Multipurpose Hydraulic Oil	<a href="#">Turmofluid HLP series</a>	■ ◆	Mineral oils	11 – 98 mm <sup>2</sup> /s	up to +120	Hydraulic oil with good corrosion protection and selected EP additives.
<b>Compressors</b>						
Rotary Screw/Reciprocating Compressors	<a href="#">Compguard MT series</a>	■ ▶ ◆ ●	PAO-Ester	32 – 99 mm <sup>2</sup> /s	up to +200	Fully synthetic oil with good thermal stability. Excellent wear and corrosion protection.
<b>Knitting Oil</b>						
Circular/Flat bed Knitting Oil for Needles and Sinkers	<a href="#">Turmotex Oil LP “ S series</a>		● Semi-synthetic	20 – 40 mm <sup>2</sup> /s	-	Synthetic knitting oils, reduce operating temperature, easy scouring.
	<a href="#">Turmotex Oil LP “ W series</a>		● White oil	22 – 65 mm <sup>2</sup> /s	-	Mineral knitting oils, reduce operating temperatures, easy scouring.
	<a href="#">Turmotex Oil LP R 14</a>		● Paraffinic hydrocarbons	14 mm <sup>2</sup> /s	-	Lubricating & cleaning oil, ensures good lubrication during cleaning operation.
<b>Maintenance/Spray</b>						
Degreaser/Cleaner	<a href="#">LUBCON LC 500</a>	■ ▶ ◆ ●	Mixture of hydrocarbons	< 0.5 mm <sup>2</sup> /s	up to 40	Dissolves dirt, oils, greases, waxes, asphalt, resins and adhesives, evaporates quickly without residues.
Penetrating Oil	<a href="#">Korroquick</a>	■ ▶ ◆ ●	Mineral oil		-30 up to +150	Rust loosener with excellent creeping and dewatering properties.
Release Agent	<a href="#">Turmsilon K 40 spray</a>		Silicone Oil	290 mm <sup>2</sup> /s	-50 up to 250	Special release agent for extruders and spinnerettes.
Chain Spray	<a href="#">Turmofluid 40 B spray</a>	■ ▶ ◆	Ester – SHC	270 mm <sup>2</sup> /s	-20 up to +300	Good wear protection, resistant to oxidation, for high temperatures.
Chain & Multipurpose Lubricant	<a href="#">Turmofluid ED 13 spray</a>	■ ▶ ◆	SHC	20 mm <sup>2</sup> /s	-45 up to +150	Excellent lubrication, water displacing and corrosion protection.
High Pressure Grease	<a href="#">Grizzlygrease No.1 spray</a>	■ ▶ ◆ ●	Mineral oil/Li-Ca special soap	800 mm <sup>2</sup> /s	-30 up to 150	Adhesive grease for high loads, good corrosion and wear protection.
Cams Spray	<a href="#">Turmolyb PA spray</a>	■	Synthetic hydrocarbons	130 mm <sup>2</sup> /s	-20 up to +450	Water-resistant grease, high load carrying capacity.
Splicer Scissors	<a href="#">Turmofluid LS 400 plus</a>	■	Synthetic hydrocarbons	~ 3.5 mm <sup>2</sup> /s	-65 up to +150	Synthetic lubricating oil, water displacing behaviour, good spreading effect.
Screw Spindle (Stenter)	<a href="#">Turmolyb MDC spray</a>	■ ▶ ◆ ●	Molybdenum disulfide		-180 up to +450	Adhesive soft sliding film of molybdenum disulfid.
Chain & Chain Drives	<a href="#">Turmofluid 4 S spray</a>	▶	Synthetic hydrocarbons	80 mm <sup>2</sup> /s	-50 up to +150	Synthetic oil with PTFE for cleaning, lubrication and preserving.



# Quick Overview of the Lubricant Range for the Textile Industry

## Ball Bearings

Turmogrease Highspeed L 252  
Turmogrease Li 802 EP  
Turmotemp II/ 400 KL  
Turmogrease PHS 1002  
Turmogrease HDC 2

## Gears

Turmogearoil OM series  
Turmosynthoil PAO series  
Turmosynthoil PG series  
Grizzlygrease No. 1

## Chains

Turmofluid 40 B

## Needles and Sinkers

Turmotexoil LP series

## Maintenance/Spray

Turmofluid ED 13  
Grizzlygrease No.1

If you would like to know more about our **Product Range**  
and the **Services** we can offer, please contact us...

## LUBRICANT CONSULT GMBH

Lubricants • Lubrication Systems

Gutenbergstraße 13 • 63477 Maintal • GERMANY • P.O. Box 200 240 • 63469 Maintal • GERMANY  
Tel.: +49 6109/7650-0 • Fax: +49 6109/7650-51 • Email: [webmaster@lubcon.com](mailto:webmaster@lubcon.com) • [www.lubcon.com](http://www.lubcon.com)

This brochure contains only general product information. For specific information please refer to our technical data and safety data sheets. The content mentioned fully comply with the specifications defined by our company but due to the multitude of different applications and influencing factors, we cannot guarantee suitability for the individual application. To determine the suitability of a lubricant we, therefore, recommend contacting an application engineer and, if necessary, performing individual field tests. Any further liability by LUBRICANT CONSULT GmbH is expressly excluded.