

Outstanding Lubricant Performance for Modern Textile Machinery



LUBCON® Textile Services

Lubricants for Preparation and Spinning Machines

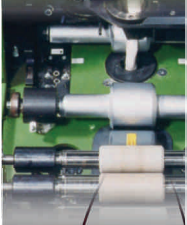
High production capacities, high loads, speeds and temperatures as well as insufficient or wrong lubrication can result in wear, overheating or contamination of components. The demands of high production and long term reliability require extraordinary lubrication solutions which are carefully matched to the needs of an application thus enabling the daily processing of many tons of yarns.

LUBCON high performance lubricants are especially formulated from highly refined components and processed under stringently controlled conditions thus surpassing the requirements for high production capacity and high quality.

LUBCON technical service team will assist you in order to identify the best lubrication solution for your specific needs, thereby optimizing the lubrication conditions of your machinery and improving machine long term performance.

Cotton Spinning Machines



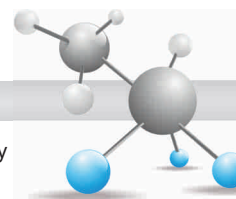
Application	Recommended Lubricant	Properties/Benefits
 Rotary Plate	Turmopast® NBI 2 white Mineral oil based lubricant and assembly paste containing solid lubricants which protects against frictional and fretting corrosion. Turmogrease® L 802 EP Plus Lithium soap grease with well balanced blend of synthetic oils and additives for optimum wear protection.	✓ prevents stick-slip ✓ increases efficiency in relubrication ✓ minimizes contamination ✓ best aging, wear and corrosion protection ✓ optimum lubricating film stability
 Drawing System Ball and Needle Bearings	Turmogrease® PHS 1002 Semi synthetic grease with excellent temperature behavior and outstanding pressure resistance. Turmogrease® Highspeed L 252 Fully synthetic high temperature grease with low friction and excellent high speed performance.	✓ prevents overheating of bearings ✓ maintains temperature over a wide speed range ✓ extends bearing life considerably
 Spinning Ring	Turmosol® M 50 Synthetic oil for impregnating sintered spinning and twisting rings. It reduces temperature and wear of ring travellers and yarn. Fully scourable in all washing fluids.	✓ high thermal stability ✓ prevents clogging of the sintered pores ✓ low friction ✓ no dripping
 Ring Spinning Frame Ball and Needle Bearings	Turmogrease® Li 802 EP Special lithium soap grease for best bearing performance and outstanding pressure resistance. Turmogrease® HDC High performance lubricant with excellent resistance against high pressure for bearings under vibration, shock and compressive stress.	✓ reduces oil bleeding significantly ✓ optimum worked stability ✓ extends bearing life considerably ✓ best behavior at high temperatures ✓ high metal affinity
 Open End Spinning Box Oil Container	Turmogear®oil TEX WKA 680 Synthetic long fibrous oil with excellent surface adhesion for the lubrication of bearings in open end spinning box oil containers. Due to the new additive technology it shows very good adhesion behavior on the bearing surfaces, thus resulting in optimum wear protection.	✓ excellent adhesion on bearing surfaces ✓ excellent load performance ✓ high thermal resistance ✓ outstanding protection against corrosion
 Twin Disc Opening Roller Bearings	Turmogrease® Highspeed L 252 Fully synthetic grease with low friction and excellent high speed performance for the lubrication of opening roller bearings. It can be used to replace oil and oil mist lubrication and is suitable for long term or lifetime lubrication.	✓ stable consistency ✓ low friction torque ✓ low starting friction ✓ maintains temperature over a wide speed range

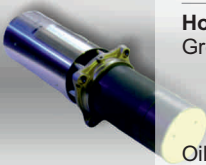
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Synthetic Fibre Spinning Machines



Application		Recommended Lubricant	Properties/Benefits
	Spinning Pumps	Turmsilon® K 350 WR Silicon oil with high temperature stability used as thermal and lubricating oil for spinning pumps. It has excellent compatibility with most sealing materials and has a separating effect towards synthetic materials.	✓ high compressibility ✓ low pour point ✓ large surface activity ✓ uniform viscosity for precise delivery
	Spinnerets	Turmopast® MC 2 Assembly paste with special additives for the installation of spinnerets. Turmsilon® K 40 - Spray Outstanding silicon lubricant for the separation of polymers during the spinning start up. It avoids clogging of fine nozzles even at high temperatures. Turmsilon® MV 1	✓ protects against seizure ✓ easily removable ✓ excellent separation effect ✓ large surface activity ✓ uniform viscosity for precise delivery ✓ neutral to synthetic thermoplastic and duroplastics
	Cold Godet Bearings Grease Lubrication	Thermoplex® 2 TML Fully synthetic grease for low noise, high speeds, temperatures and mechanical loads.	✓ low self heating tendency ✓ good ability at critical bearing conditions
	Oil Lubrication	Turmosynth®oil GV 68 Mineral oil with a high resistance against oxidation and good penetrating properties for longer maintenance intervals.	✓ long term lubrication ✓ excellent coefficient of sliding friction
	Hot Godet Bearings Grease Lubrication	Thermoplex® LME 552 High performance long life lithium soap complex grease containing special compounds for lubrication of rolling bearings with high thermal, speed and mechanical load.	✓ temperature range up to 220 °C (428 °F) ✓ suitable for long term lubrication ✓ very good penetrating properties ✓ high resistance against oxidation
	Oil Lubrication	Turmosynth®oil GV 150	
	Thread Guide Slides Travers Winding Guides	Turmogrease® Highspeed L 252 TF Very light high quality grease with best wear protection in high temperature conditions for clean and maintenance free operation. Turmogrease® N 7501 K Turmogrease® KW 252	✓ smooth running ✓ improved bearing life under high loads and high speeds ✓ low self heating tendency ✓ significant reduction of friction and wear
	Birotor	Thermoplex® 2 TML Fully synthetic grease for low noise, high speeds, temperatures and mechanical loads.	✓ good ability at critical bearing conditions ✓ long term lubrication providing reduced operating costs ✓ longer maintenance intervals
	Travelling Knotter/Splicer	Turmofluid® ED 13 - Spray Fully synthetic lubricant with excellent spreading and penetrating properties even in the narrowest tolerances. Turmofluid® LS 400 Plus - Spray Synthetic lubricant with high metal affinity and water displacement which protects against frictional and fretting corrosion. Rapid® MÖ - Spray	✓ easily applicable ✓ high protection against wear and friction ✓ high metal affinity ✓ increases efficiency in relubrication ✓ minimizes contamination ✓ optimum penetrating properties
	2 for 1 Twisting Spindle	Turmogrease® Highspeed L 252 High speed spindle bearing grease with excellent noise and low friction behavior for extended maintenance intervals.	✓ maintains temperature over a wide speed range ✓ lowers energy consumption ✓ low friction torque

LUBRICANT CONSULT GMBH
Lubricants · Lubrication Systems

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