

Outstanding Lubricant Performance for Modern Textile Machinery



LUBCON® Textile Services

Textile Finishing 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 enable the daily processing of many tons of fabrics.

LUBCON high performance lubricants are especially formulated from highly refined components and processed under stringently controlled conditions to 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.

Stenter Frame

Fabric Conveyor Chains

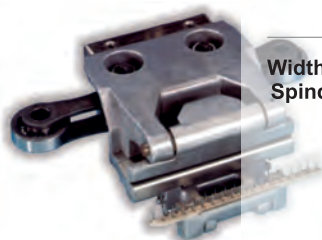


Turmofluid® 40 B

Is a thermally stable and extremely adherent lubricant, which is especially suitable for low and high temperature lubrication. It forms an adherent, transparent, odorless lubricating film on the conveyor chains, provides long term wear protection and neutralizes the influence of cold and hot water steam, aqueous alkaline or acidic cleaning or washing agents.

- ✓ high viscosity index (160)
- ✓ reduces lubricant consumption
- ✓ temperature range up to 250°C (482°F)
- ✓ 2 % evaporation rate at 250°C (482°F)
- ✓ prevents carbonized deposits
- ✓ high load carrying capability

Ball Bearing Conveyor Chains



Turmotemp® II/400 KL

Homogenous and soft high temperature grease showing optimum thermal stability up to 260°C (500°F). It is suitable for high temperature lubrication of ball bearings in stenter frames. It is non toxic, non flammable and compatible with lubricants based on fluorinated oils.

- ✓ it is resistant to cold and hot water, steam, aqueous alkaline or acidic cleaning or washing agents
- ✓ prevents overheating of bearings due to its excellent temperature behavior
- ✓ recommended by the **OEMs**

Width Adjustment Spindles

Turmolyb® MDC- Spray

High temperature lubricant for dry lubrication of sliding surfaces. It forms a thin uniform lubricating film on the adjustment spindles and thus enables optimum running in and prevents heavy build ups of contaminants.

- ✓ reliable at high temperatures
- ✓ protects against wear and friction
- ✓ excellent pressure stability
- ✓ protects against seizure

Turmsilon® GTI 5000

Roller Bearings in Fans

Turmogrease® N3

Fully synthetic high temperature grease for rolling and journal bearings under vibration, shock and high contact pressure.

- ✓ optimum pressure stability
- ✓ excellent temperature behavior
- ✓ suitable for long term or long life lubrication

Turmogrease® N2 MF

High performance lubricant for bearings operating under increased bearing temperature and load.

- ✓ outstanding temperature behavior due to the special additive MoS₂
- ✓ Approved and recommended by **OEMs**

Inner Bearings



Turmsilon® GTI 300 P

Silicone grease qualified for low and high temperature ranges and optimum resistance against water, steam and solvents or chemical agents. It is neutral to synthetic materials or elastomers.

- ✓ high metal affinity
- ✓ high thermal stability
- ✓ low evaporation losses

Heated Calenders

Roller and Journal Bearings

Turmosynth® oil PG Series

Synthetic high viscosity lubricant based on polyglycols. Especially suitable for lubrication in rolling bearings with high thermal, speed and mechanical load thereby providing reliable bearing performance and long service life. Suitable for automatic lubrication.

- ✓ excellent temperature stability
- ✓ long lubrication intervals
- ✓ suitable for long term lubrication
- ✓ optimum wear protection

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Steamer

Inner Lining

Turmopast® HTP 3200 KW

Special synthetic sealing grease with superior resistance towards hot water, steam, acids, alkalis, hydrocarbons and any similar chemical agents. It is especially suitable for the lubrication of the inner linings in steamers. Due to its very good metal affinity it forms an adherent lubricating film and protects from corrosion.

- ✓ outstanding corrosion protection
- ✓ excellent adhesion to metal surfaces
- ✓ no contamination

Conveyor Chains

Turmofluid® 300 OM

Fully synthetic high performance oil utilized for conveyor chains and gear wheel drives operating at higher temperatures. Due to its low surface tension it has excellent penetration as well as spreading properties and lubricates even the smallest tolerances. It is also resistant towards hot water, steam and chemical agents.

- ✓ optimum friction and wear protection
- ✓ low energy consumption by low coefficient of friction
- ✓ excellent temperature stability
- ✓ prevents hard deposits therefore easy cleaning

Machines Under Wet Conditions

Lip Seals in Dyeing Machines

Turmogrease® PP 300

Synthetic grease for applications in extremely wet and steamy conditions such as lip seals in dyeing machines.

- ✓ neutral to synthetic thermoplastic
- ✓ excellent water resistance

Roller Bearings

Turmogrease® CAN 2502

High performance grease with reinforced protection for long term lubrication of roller and plain bearings especially under harsh conditions such as heat, load and chemical influence.

- ✓ low self heating tendency
- ✓ high performance at critical bearing conditions
- ✓ reduced operating costs
- ✓ absorbs and damps vibration impacts
- ✓ longer maintenance intervals

Turmogrease® CAN 4603

Turmogrease® HDC 2

Mineral oil based calcium complex soap with superior lubricating properties. Due to its combination of thickeners and additives it provides excellent protection against corrosion even under very high pressure and loads.

- ✓ optimum water resistance and worked stability
- ✓ high load carrying capacity
- ✓ best performance at high temperatures

General Applications

Compressor Oils

Turmofluid® GVC Series

Synthetic food grade approved compressor oil with outstanding behavior at high thermal loads. Prevents oxidation deposits and protects against wear.

- ✓ increases oil change intervals up to 12,000 hours
- ✓ neutral towards elastomers
- ✓ low volatility

Gear Oils

Turmofluid® OM Series

Fully synthetic high performance gear oil with high thermal stability and long oil change intervals. Operates excellently at high speeds and loads.

- ✓ long term lubrication reduced and operating costs
- ✓ long maintenance intervals

Electric Motor Bearing and Multipurpose Greases

Turmogrease® PHS 1002

Semi synthetic high temperature grease for long term lubrication. Neutralizes the influence of cold and hot water, steam or cleaning and washing agents.

- ✓ protects against wear and friction
- ✓ excellent corrosion protection
- ✓ noise reduction

Turmogrease® N3

Fully synthetic roller and journal bearing grease for operations at high temperature and under the influence of water and steam.

- ✓ increases efficiency in relubrication
- ✓ suitable for long term lubrication
- ✓ minimizes contamination

Turmogrease® Li 802 EP

Special lithium soap grease for best bearing performance and outstanding pressure resistance.

- ✓ reduces oil bleeding significantly
- ✓ optimum worked stability

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Lubricants · Lubrication Systems

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