

Lubricants for Textile Industry – Stenter Frames

INTERSPARE LUBRICANTS

INTERSPARE Lubricants · Röntgenstraße 31-33 · D-21465 Reinbek

Lubrication point (Machine-Component/-Part)		Name of lubricant		Art.-No.	Characteristics	Advantages in application
<p>Fabric conveyor chains (Bolt lubricated-) Slide chains Horizontal-/Vertical-Slide chain, System ARTOS Horizontal-/Vertical-Slide chain, System KRANTZ Horizontal-/Vertical- chain, System STENTEX / TEXTIMA / FAMATEX Pinion for return wheel of the fabric conveyor chain</p>		<p>PREMIUM HT OIL PREMIUM HT PLUS OIL</p>		<p>13102003 08062005</p>	<p>Fully synthetic high temperature oil with latest additive-technology for low and high temperature lubrication from - 30 to + 250°C,</p>	<ul style="list-style-type: none"> ○ Avoids laquer films ○ Outstanding creeping and penetrating properties ○ Miscible with mineral oils ○ Excellent wear protection at low friction rates
<p>Ball bearing mounted chains Horizontal-Ball bearing chain, System STENTEX Horizontal-Ball bearing chain, System TEXTIMA Horizontal-Ball bearing chain, System FAMATEX</p>		<p>DURATA HT 56-02</p>		<p>04112003</p>	<p>Long-life high temperature grease particularly developed for stenter chain parts (bearings) under extreme conditions, Temperature range: From -40 up to +250°C / short time up to 280°C</p>	<ul style="list-style-type: none"> ○ High load carrying ability ○ Excellent wear properties ○ Extended relubrication cycles ○ Extremely low evaporation rate
<p>Bearings of air circulation- and exhaust air- fans - A-Bearing: Working temperatures up to 250 °C - B-Bearing: Working temperatures up to 180 °C Bearings for: Return wheels of the fabric conveyor chain, Cooling chamber and fan shaft bearing</p>		<p>DURATA HT 56-02 RELABO GBS 193 / STRONGANA M 9 EP</p>		<p>04112003 19102015 26052004</p>	<p>Fully synthetic Low- and High temperature grease for long time lubrication.</p>	<ul style="list-style-type: none"> ○ Reduces attrition and wear ○ Excellent corrosion protection ○ High nDm-Factor ○ Low starting resistance in low temperature range ○ Significant extension of relubrication intervals

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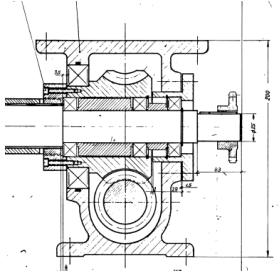

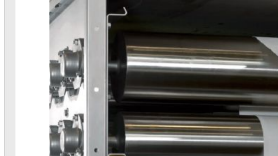



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<p>Sliding surfaces of automatic chain tensioner</p> <p>Pinning gear</p> <p>STENTEX:</p> <p>Ball joints at longitudinal shaft of width adjustment</p> <p>Bearing of chain drive shaft in the outlet</p> <p>Bearings for:</p> <ul style="list-style-type: none"> - Main drive shaft in the outlet - Rocker bearing for post-pinning brush - Chain wheel for stenter chain - Pressure roller for selvage glueing device <p>Friction points inside the dryer</p> <p>Spindles and spindle nuts (unless lubrication not required), Chain wheels, gears, gear racks and other sliding points, e.g. at on cloth passage sliding elements, slide doors and rope pulleys of the nozzle body lifting device.</p> <p>Roller chains</p> <p>Roller chain according to DIN 8187 in middle stand of the In- and outlet construction (ARTOS / BABCOCK)</p> <p>Horizontal roller chain, (FAMATEX)</p>	  	<p>STRONGANA M12 FS / STRONGANA M 9 EP</p> <p>STRONGANA M12 FS</p> <p>MolybDry TL5 Spray</p> <p>ABRAXAN 95 Spray /</p>	  	<p>22122003</p> <p>26052004</p> <p>22122003</p> <p>05092003</p> <p>14052005</p>	<p>High-temperature grease for long-term lubrication up to 180°C</p> <p>High-temperature-dry lubricating film based on MoS₂, air – drying for temperatures from -200°C up to +450°C</p> <p>Multipurpose-grease for textile machinery.</p> <p>Particularily designed for Harry Lucas machines. Temperature range: - 40 up to +180°C.</p>	<ul style="list-style-type: none"> ○ Universal in use ○ Very media-resistant ○ Excellent corrosion protection ○ Excellent wear properties ○ High sealing and adhering effect ○ Emergency running characteristics by solid lubricants ○ Clean application ○ Reduces wear and tear ○ Excellent load carrying ability ○ Optimized running-in procedures ○ No outgassing in high vacuum ○ Avoids stick-slip ○ Economical in consumption ○ Minimizes wear ○ Excellent corrosion protection ○ High temperature resistance
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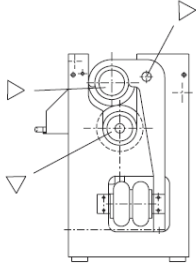

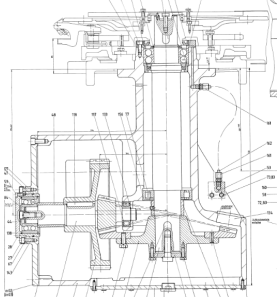

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<p>Roller chain for drives (STENTEX)</p> <ul style="list-style-type: none"> - Entry roller - Center supporting system - Counter of width adjustment - Width adjustment outlet - Take-down roller - Plaiter 		<p>STURGIS BHD Spray</p>		<p>23032006</p>	<p>Fully synthetic lubricating oil with EP-additives for high temperature application between - 5 and + 200°C.</p>	<ul style="list-style-type: none"> ○ Excellent wear and corrosion protection ○ Excellent creeping properties ○ Residue-free evaporation of the basic oil ○ Very good altering properties ○ Adhesive additives prevent spinning- and dripping-off ○ No laquer films
<p>Worm gear of width adjustment / Head drive</p> <p>Bevel wheels for width adjustment (STENTEX)</p> <p>Gearing of drive pinion, gear rack and and guide pulley-track of the Guiding device (E+L)</p>		<p>STURGIS BHD Spray PROTEX GEAR UNI Galeon No.1 Spray</p>		<p>23032006 03012007 02112009</p>		
<p>Bearings of rollers</p> <p>Roller- and plain bearings inside the dryer of</p> <p>Double-, Multilayer-, and Duplex stenters</p> <p>Working temperatures up to 200 °C</p> <p>Working temperatures up to 250 °C</p>		<p>SILKOPEX L 50 / DURATA HT 56-02</p>		<p>11052004 04112003</p>	<p>High-temperature grease on silicon basis with PTFE. Temperature range: -50°C - +200°C</p>	<ul style="list-style-type: none"> ○ Outstanding sealing properties ○ Non-volatile ○ Resistant to cold and hot water ○ Resistant to oxidation ○ Steam resistant up to approx. 130°C ○ Compatible with EPDM, FPM and NBR.
<p>Friction points outside the dryer</p> <p>Roller- and plain bearings</p> <p>Working temperatures up to 160 °C</p> <p>Working temperatures up to 140 °C</p>		<p>RELABO GBS 130 / AVADA 2 EP</p>		<p>19122003 13102017</p>		

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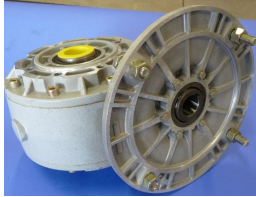
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<p>Bearings of electric motor (main drive) Working temperatures up to 180 °C Working temperatures up to 160 °C</p> <p>Bearings of rollers inside the padder / straightener Working temperatures up to 140 °C (Brand: Bianco) Working temperatures up to 180 °C (Brand: E+L)</p> <p>Continuously variable gearbox e.g. PIV</p> <p>Spur gear e.g. brand: Getriebebau NORD</p> <p>Gear train Main drive (ARTOS / BABCOCK)</p> <p>Gear reducer (E+L Straight, -Padder)</p>	  	<p>STRONGANA M 9 EP / RELABO GBS 193 RELABO GBS 130</p> <p>AVADA 2 EP / STRONGANA M 9 EP</p> <p>STURGIS FHD</p> <p>PREMIUM GEAR 220 EPL</p> <p>PREMIUM GEAR 220 EPL SYNTEC PG 220 PREMIUM GEAR 220 EPL</p>		<p>26052004 19102015 19122003</p> <p>13102017 26052004</p> <p>16122005</p> <p>28092005</p> <p>28092005 27092005 28092005</p>	<p>High temperature grease with various applications (e.g. ball bearings) Temperature range: -40°C up to +160°C</p> <p>Mineral based high performance gear oil with special EPL-additives</p> <p>Fully synthetic H1-high performance-gear oil on polyalkylenglykol-basis</p>	<ul style="list-style-type: none"> ○ Resistant to cold and hot water as well as to steam ○ Suitable for long-term and life-time lubrication ○ Resistant to aqueous alkaline or acidous cleansing or washing agents resp. its vapours ○ High thermal resistance ○ Enables longer lube change intervalls or higher efficiency ○ Outstanding wear protection thanks to EPL-additives ○ Excellent oxidation- and altering stability ○ High load carrying ability ○ Excellent wear protection
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<p>Worm gears, spur gears, e.g. ZAE, Radicon, Getriebebau NORD</p> <p>Hydraulic station and compressed-air maintenance</p>	 <p>-</p> <p>-</p>	<p>PROTEX GEAR UNI</p> <p>SYNTEC PGL 1200</p> <p>PREMIUM HLP 68</p>		<p>03012007</p> <p>15122008</p> <p>28122015</p>	<p>High performance hydraulic oil</p>	<ul style="list-style-type: none"> ○ Very good viscosity-temperature properties ○ Excellent oxidation- and altering stability
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