





Lubricants for Textile Industry – Spinning / Preparation Machines



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

No.	Lubrication point (Machine-Component/-Part)	Name of lubricant	Characteristics	Advantages in application
1	<p>Ring Spinning Frame Top roller Arbor Speed Frame Bottom fluted rollers with normal speeds and loads</p> 	<p>STRONGANA MBS 12 STRONGANA MBS 12 / STRONGANA M 202</p>	<p>Special grease for heavily loaded rolling and plain bearings at medium speeds under adverse ambient influences like humidity, acids, alkalis as well as high temperatures. Temperature range: -30°C up to +180°C. (see No.2)</p>	<ul style="list-style-type: none"> ○ Universal in use ○ Very good water and media resistance ○ Excellent corrosion protection ○ Excellent wear properties ○ Free from solid lubricants ○ High sealing and adhering effect
2	<p>Ring Spinning Frame Bearings of jockey pulleys, Tin roller bearings, All bearings in gear end</p>  <p>Variator assembly</p>  <p>Bearings of main drive / fan motors</p> 	<p>STRONGANA M 202 STRONGANA M 460 EP RELABO GBS 130</p>	<p>Special lithium complex grease with highly refined, high viscosity base-oils which maintain the adherence and stability of the lubricating film when faced with oxidation and mechanical functions.</p> <p>Special grease for long-term lubrication at high operating temperatures and high loads (e.g. vibrations). Especially designed for highly loaded plain and rolling bearings, joints, slides, hinges and guidings.</p> <p>High temperature grease with various applications (e.g. ball bearings). Temperature range: -40°C up to +160°C.</p>	<ul style="list-style-type: none"> ○ Stable to water with good corrosion protection ○ High mechanical stability and increased load capacity ○ Excellent wear properties ○ Excellent corrosion protection ○ Highest load carrying ability ○ Conveyable in central lubricating systems ○ Stable to cold and hot water ○ Resistant to cold and hot water as well as to steam ○ Suitable for long-term and life-time lubrication ○ Resistant to aqueous alkaline or acidulous cleansing or washing agents resp. its vapours ○ High thermal resistance

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	<p>Open gears</p> <p>3 Speed Frames All bearings in gear end Bobbin drive bevel gears, Spindle drive bevel gears, Gear end gear wheels</p> <p>Spindle collar</p> <p>Trough rail</p> <p>4 Drawing system with Auto Leveller and non Auto Leveller</p> <p>Top roller End Bushes</p>	    	<p>STURGIS BHD Oil</p> <p>STRONGANA M 202 STURGIS BHD Oil</p> <p>PREMIUM GLIDE A OIL</p> <p>MolybDry TL5 Spray</p> <p>ALGERNON HIGH SPEED 18</p>	<p>Fully synthetic lubricating oil with EP-additives for high temperature application between - 5 and + 200°C.</p> <p>(see No.1 + No.2) (see No.2)</p> <p>For dismantling of corroded and seized parts like screws, bolts, fits, bearings etc..Through excellent penetrating properties suitable in applications where common rust dissolvers do not work.</p> <p>High-temperature-dry lubricating film based on MoS₂, air – drying for temperatures from -200°C up to +450°C</p> <p>Special semi-synthetic grease especially developed for the use in spindle bearings e.g. on tool and textile machines, especially at high speed and/or low operating temperatures.</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 spining- and dripping-off ○ No laquer films <p>(see No.1 + No.2) (see No.2)</p> <ul style="list-style-type: none"> ○ Facilitates disassembly ○ Allows quick , trouble-free dismantling ○ Penetrates into tightest spaces ○ Outstanding creeping and penetrating properties ○ Economical in consumption <ul style="list-style-type: none"> ○ Clean application and economical in consumption ○ Reduces wear and tear ○ Excellent load carrying ability ○ Optimized running-in procedures and avoids stick-slip ○ No outgassing in high vacuum <ul style="list-style-type: none"> ○ Reduces wear and tear also at high speeds ○ Good corrosion protection ○ Very good low-temperature properties ○ Stable against ageing and oxidation
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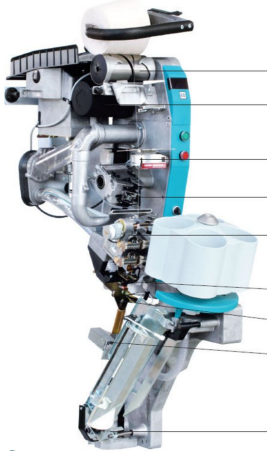
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	<p>Bearings of Bottom roller</p> <p>Grease nipples</p>		<p>ALGERNON EPA SPEED</p>	<p>Fully synthetic grease especially developed for the lubrication of spindle bearings in tools- and textile machinery as well as in linear actuators and small gears in precision applications.</p>	<ul style="list-style-type: none"> ○ Reduces wear and tear ○ Compatible with common plastic materials ○ Resistant to oxidation and ageing ○ Wide temperature range
<p>5 Combers</p>	<p>Top roller End Bushes</p> <p>Gear box</p>		<p>ALGERNON EPA SPEED</p> <p>ALGERNON HIGH SPEED 18 / ALGERNON EPA SPEED PREMIUM GEAR 150</p>	<p>(see No.4)</p> <p>(see No.4)</p> <p>Synthetic hydrocarbon based high-performance gear oil with selected EP-additive system for application under heaviest conditions.</p>	<ul style="list-style-type: none"> ○ Exceptional low temperature performance including low consumption at startup, as well as high film thickness at high temperatures due to high viscosity index
<p>6 Electrical motors</p>	<p>Bearings</p>		<p>RELABO GBS 130</p>	<p>(see No.2)</p>	<ul style="list-style-type: none"> ○ Excellent oxidation and ageing stability ○ Provides high load carrying capability
	<p>Lap forming machine</p> <p>Top roller end bushes</p>		<p>ALGERNON HIGH SPEED 18 / ALGERNON EPA SPEED</p>	<p>(see No.4)</p>	

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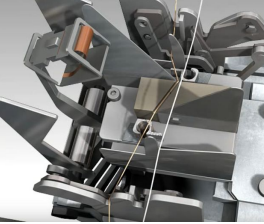

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<p>7</p>	<p>Carding machine Flat heel & Toe portion</p>		<p>PREMIUM GLIDE A OIL</p>	<p>Fast acting fully synthetic penetrating oil.</p>	<ul style="list-style-type: none"> ○ Facilitates disassembly ○ Allows quick , trouble-free dismantling ○ Penetrates into tightest spaces ○ Outstanding creeping and penetrating properties ○ Economical in consumption
<p>8</p>	<p>Yarn conditioning plant O ring / seal</p>		<p>STRONGANA P 270</p>	<p>Fully synthetic bearing- and fitting grease for low and high temperatures. Temperature range: -40°C up to +150°C.</p>	<ul style="list-style-type: none"> ○ Resistant to cold/hot water ○ Resistance to aqueous acid and basic solvents ○ Excellent work resistance ○ Neutral compared to elastomers ○ Neutral to natural or synthetic rubber
<p>9</p>	<p>Auto coners Head stock cams Splicer, Knotter & cutter</p>		<p>VEELA NB 3000 S PREMIUM 400 Plus Spray</p>	<p>Fully synthetic lubricant and assembly paste containing white solid lubricants for the application under high pressure and high and low temperatures. Temperature range: -40°C up to +170°C.</p> <p>Fully synthetic multipurpose lubricating oil with good spreading effect for high-temperatures. Temperature range: -65°C up to +150°C.</p>	<ul style="list-style-type: none"> ○ High pressure resistance and ○ Very good wear protection ○ Excellent corrosion protection ○ Prevents fretting and tribocorrosion ○ Stable to aqueous acidic and basic purifying agents ○ Proved under sea water conditions ○ Excellent wear and corrosion protection ○ Excellent creeping properties ○ Residue-free evaporation of the base oil ○ Very good resistance to ageing ○ High metal affinity and water displacement behavior

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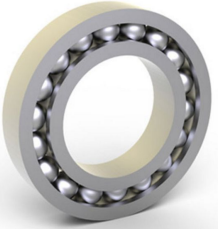
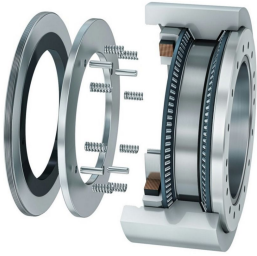
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10	Adopter cradle		STRONGANA M 462	<p>Multipurpose grease with excellent wear and corrosion protection. Temperature range: -20°C up to +120°C.</p>	<ul style="list-style-type: none"> ○ Reduces wear and tear due to antiwear additives ○ Excellent corrosion protection due to outstanding anticorrosive additives ○ Highest load carrying ability ○ Stable to cold and hot water 	
	Drum bearings		PROTEX CE 222	<p>Special grease for heavily loaded rolling and plain bearings at medium speeds under adverse ambient influences like humidity, acids, alkalis as well as high temperatures. Temperature range: -30°C up to +180°C.</p>	<ul style="list-style-type: none"> ○ Universal in use ○ Very good water and media resistance ○ Excellent corrosion protection ○ Excellent wear properties ○ Free from solid lubricants ○ High sealing and adhering effect 	
	Yarn Splicers Dry Splicers			STRONGANA P 350 /	<p>Long-lasting special grease with excellent wear and corrosion protection.</p>	<ul style="list-style-type: none"> ○ Reduces wear and tear due to antiwear additives ○ Excellent corrosion protection due to outstanding corrosion inhibitors ○ Highest load carrying ability because of extreme-pressure additives ○ High chemical and thermal resistance ○ Compatible with the majority of plastics, seals and gaskets
	Wet Splicers			STRONGANA MBS 12	<p>Temperature range: -40°C up to +180°C. (see No.1)</p>	
11	Open-end spinning turbines Direct or Twin Disc drive		VEELA NB 3000 S	(see No.9)		
			ALGERNON EPA SPEED / ALGERNON HIGH SPEED 18	(see No.4)		

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	<p>Oil lubricated bearings</p>		<p>PREMIUM OX 48 / PREMIUM OX 65</p>	<p>Fully synthetic high-temperature oil for oil lubricated bearings in spinning turbines. Kinematic viscosity at 40°C = 48 / 65 mm²/s. Temperature range: -60°C up to +140°C (+160°C).</p>	<ul style="list-style-type: none"> ○ Pressure carrying capacity ○ Resistant to oxidation and optimal corrosion protection ○ Cold resistant and steady viscosity ○ Low temperature application possible - approaching pour point
<p>12</p>	<p>Open-end spinning frames Twin Disc Opening Roller Bearings</p>		<p>ALGERNON EPA SPEED</p>	<p>(see No.4)</p>	