



RECOMMENDED OKS AND BECHEM
PRODUCTS FOR TEXTILE INDUSTRY



Machine	Area of Application	OKS / Bechem Product Recommended
Blow Room	Chains Open Gears PIV Drive Greasing Points	OKS 451 OKS 511 OKS 300 (3-5%) in Mineral Oil Bechem High-Lub L-474-2
Carding	Flat End Chains Curvature Flat Belt Open Gears Flat Drive Gear Box Coiler Feed Gear Box Assembly	OKS 511 OKS 2901 OKS 511 Ceritol CS 415 / OKS 428 Ceritol CS 415 / OKS 428 OKS 260
Comber / Silverlap/ Ribbonlap	Chains Head Stock Gear Box Top Rolls & Lower Rolls	OKS 451 OKS Mo _x Active 150 / Berusynth EP 150 Bechem High-Lub LFB 2000
Draw Frame	Chains Head Stock Gear Box Top & Bottom Roller End Bushes	OKS 451 OKS 511 OKS 475 HS - For RSB Model Berulub Krytox EP 2 for Vouk / Trutzschler m/c Bechem High-Lub LFB 2000 for DO2/DO6 m/c
Simplex/ Speed Frame	Long Collar Spindle Chains Open Gears Top & Bottom Rollers	OKS 600 T OKS 451 OKS 511 Berutox M 21 EPK / Bechem Rhus Alutherm 2/3
Ring Frame	Chains Open Gears Poker Bar Spindle Top & Bottom Rollers	OKS 451 OKS 511 OKS 110 / OKS 200 OKS Ring Frame Oil Berutox M 21 EPK / Bechem Rhus Alutherm 2/3
Auto Coner / Mac Coner / Winders	Splicer, Knotter & Cutter Winders Cams & Roller Adapter Sleeve Belt Adopter/Cradle/Drum/Bearing	OKS 341 OKS 301 OKS 1360 OKS 2901 Berulub Krytox EP 2
Two-for-one Twister	Pot Bearings Gear Box Oil	OKS 475 HS OKS Mo _x -Active Oil
Open end Spinning	Laxmi, Reiter, Elitex, etc. Rotor bearings (grease lubricated) Rotor bearings (oil lubricated) Open Roller Bearings Autocoro Twin Disc Bearings Piecer, Doffer, etc. Twin Disc Oil	OKS 475 HS OKS 330 Berulub Krytox EP 2 OKS 475 HS OKS 200 / OKS 201 OKS Mo _x -Active 680
Circular Knitting Loom	Cam and Needle Greasing Points	OKS 345 Bechem High-Lub LFB 2000



RECOMMENDED OKS AND BECHEM PRODUCTS FOR TEXTILE INDUSTRY
(Cont'd)



Machine	Area of Application	OKS / Bechem Product Recommended
Sizing	Drying Cylinder Bearings (Grease) Chains Sucker Muller Telescopic Bearings Drying Cylinder Bearings (Oil)	Bechem Rhus Alutherm 2-3/ Berutox FH 28 KN /Berutox VPT 54-2 OKS 451 Bechem High-Lub LFB 2000 OKS 352 Premium / Berusynth EP 220
Looms	Ruti B Looms Greasing Points Oiling Points Electric Motor Bearings Ruti C Looms Shedding Traction Rod Gear, Lever, Spring, Cam Sulzer Looms Chain Primer Chain Lubricant Cam & Slides Dobby Air Jet Looms Gear Box Motor Bearings Frame (Heald) Geared Motor Central Lubrication System Plastic Gears (Leno Device)	OKS 405 OKS 300 (5%) Bechem Rhus Alutherm 2-3/ OKS 410 OKS 200 OKS 450 OKS 352 OKS 451 OKS 410 OKS 601 OKS Mo _x -Active Oil Berutox M 21 KN OKS 1361 Ceritol CS 415 EP Ceritol CS 415 EP OKS 571
Stenter Machine	Fan Bearings Width adjusting screws Stenter chain (oil) Stenter chain (grease)	Bechem Rhus Alutherm2-3 / Berutox FH 28 KN OKS 511 OKS 352 Berutox VPT 54-2
Dyeing / Finishing	Rollers / Bearings Drive Chain Drive Bearings Fan Bearings Spindle	Berutox VPT 54-2 or Berutox FH28 KN / M 21KN OKS 451 / OKS 3521 Bechem High-Lub LFB 2000 Berutox FH 28 KN OKS 511
Engineering Department	Steam line, Boiler & other High temperature Area Press Fit Rings / Gaskets / Seals Rust Loosening Cleaning & Degreasing Belt Dressing Electrical Contact cleaning Pneumafil Fan Motors/other Motors High Temperature Bearings	OKS 240 OKS 200 OKS 1110 OKS 601 OKS 2601 OKS 2901 OKS 2621 /OKS 2621 T Bechem Rhus Alutherm2-3 / OKS 410 Berutox M21 KN / Berutox FH 28 KN / Berutox VPT 54-2



OKS AND BECHEM PRODUCTS FOR TEXTILE APPLICATIONS



Product	Advantages and benefits	Base	Drop- ping Point	Oper. Temp. Range	Worked Pene- tration	NLGI Class	Water Resist- ance
OKS 410 MoS ₂ High Perform- ance Long Life Grease	Very high load carrying capacity. Performs well in rough operating conditions and in humid atmospheres. Forms solid lubricant film during severe loads.	Lithium soap, mineral oil	+170°C	-25°C to +120°C	265-295	2	1-90
OKS 428 Multi Purpose Fluid Grease	Long-life grease for enclosed gears designed for grease lubrication. Resistant to oxidation and ageing.	Lithium soap, synthetic oil	+155°C	-40°C to +120°C	400-430	00	1-90
OKS 475 HS High Speed Bearing Grease	This grease has very low internal friction and extremely low starting resistance. It does not get thrown off in operation.	Lithium hydroxy-stearate, synthetic oil	+180°C	-50°C to +140°C	265-295	2	1-90
OKS 1110 Silicone Valve and Packing Grease	Good adhesive sealing lubricant. Non-melting. Constant consistency over wide temp. range. Resistant to hot /cold water as well as to acetone, ethanol, glycerine and methanol.	Silicone oil, inorganic thickener		-40°C to +200°C	220-250	3	1-90
BERUTOX M 21 KN High Temps. Grease	Hardly forms any residue at high temperatures.	Polyurea thickener, special mineral oil	+250°C	-10°C to +180°C	290-310	2-1	0-90
BERUTOX M 21 EPK Multipurpose Grease for anti-wear and long term	Excellent resistance to corrosive attack, high temperature and shock load conditions	Polyurea, mineral oil	+240°C	-10°C to +160°C	290-320	2-1	0-90
BECHEM RHUS Longlife LFB Super	Resistant to ageing. High pressure absorbing capacity. High lubricating efficiency with longer relubrication periods.	Lithium hydroxy-stearate, mineral oil	+190°C	-30°C to +120°C	265-295	2	0-90
BECHEM RHUS L 474 KW Longlife Grease	High ageing resistance, as well as reliable corrosion protection. Resistant to shearing, temperature and water.	Lithium12 hydroxy-stearate mineral oil	+185°C	-20°C to +120°C	265-295	2	0-90
BERUTOX FH 28 KN High Temperature Grease	It keeps a consistently smooth texture without forming hard deposits. Excellent temperature behaviour.	Polyurea thickener, synthetic oil	+240°C	-35°C to +200°C	290-300	2-1	0-90



OKS AND BECHEM PRODUCTS
FOR TEXTILE APPLICATIONS
(Cont'd)



Product	Advantages and benefits	Base	Drop- ping Point	Oper. Temp. Range	Worked Pene- tration	NLGI Class	Water Resist ance
BERULUB KRYOTOX EP 2 Low Temp and high Speed Lubricant	Long-term lubricant. Offers extremely low inner friction and low starting torque.	Lithium hydroxy-stearate, synthetic oil	+195°C	-55°C to +120°C	265-295	2	1-90
CERITOL CS 415 EP EP Grease with flowing characteristics	Has excellent anti-wear properties and very good temperature stability apart from good adhesion and stable texture.	Calcium complex soap, refined mineral oil	+160°C	-20°C to +120°C	400-430	00	
BECHEM RHUS ALUTHERM 2-3 High Temp Multi Purpose Grease	Good ageing resistance and excellent EP properties.	Aluminium complex soap, mineral oil	+250°C	-25° C to +190° C	255	2-3	1-90

Product	Advantages and benefits	Oper Temp. Range	Appear- ance	Density	Penetration ASTM D-217	Surface Coverage
OKS 200 MoS ₂ Paste	Extremely economical for all assembly and repair work. Protects against wear seizing and stick-slip. Makes assembling & dismantling easy.	-35°C to +450°C	Grey	1.20 g/cm ³	265 to 295	40m ² k per kg
OKS 201 MoS ₂ Assembly Spray	Aerosol version of OKS 200					2 m ² / 500 ml can
OKS 240 Anti-Seize Compound	Prevents seizing and caking in high temperature situations. Provides effective corrosion protection even under seawater conditions.	-30° C to +1100°C	Copper brown	1.30 g/cm ³	265 to 295	40m ² /kg
OKS 241 Anti-Seize Spray	Aerosol version of OKS 240					2m ²
OKS 260 White Assembly Paste	Does not stain during Assembly	-25° C to +150°C	Light coloured	1.25 g/cm ³	250 to 270	45m ² /kg

Product	Advantages and benefits	Appear- ance	Type of Binder	Optimum Layer Thickness	Curing Time at 20°C	Operating Temp. Range
OKS 511 MoS ₂ Bonded Coating, Fast Curing	Dries within 5 minutes at room temperature. Ideal for high and low temperatures. Very low friction and high load carrying capacity.	Dark grey	Inorganic	10 to 15mm	20 min	-80°C to +450°C
OKS 571 PTFE Bonded Coating Spray	High resistance to abrasion, no pick up of dust, ideally clean, colourless, dry lubricant film with very low coefficient of friction.	Light colour- ed	Inorganic and Organic	5 to 10 mm	15 min	-180°C to 260°C



OKS AND BECHEM PRODUCTS
FOR TEXTILE APPLICATIONS
(Cont'd)



Product	Advantages and benefits	Appearance	Oper Temp. Range	Viscosity	Density	Flash Point ASTM D-92
OKS 300 MoS ₂ Mineral Oil Concentrate	OKS 300 with Mo _x -Active additives used in gear boxes improves running-in, smoothens and refines surfaces and reduces friction, wear and noise level.	Black	-30°C to +150°C	50 cSt	0.90 g/cm ³	200°C
OKS 301 Liquid MoS ₂ Spray	Aerosol version of OKS 300 (for autoconer and other winders).	Black		60 cSt	0.90 - 0.96 g/cm ³	
OKS 330 High Speed Oil	Low viscosity synthetic oil ideal for high speeds.	Clear yellow	-30°C to +150°C	30-40 cSt	0.82 - 0.97 g/cm ³	200°C
OKS 341 Autoconer Spray for Splicers and Knotters	Provides very thin lubricating film and provides corrosion protection. Especially suited for splicers and knotters of autoconer machine.	Light coloured			0.75 g/cm ³	
OKS 345 Lubricating Washable Oil	Most ideal for high speed circular knitting machines for centralised lubrication system. Provides necessary lubrication to cam and needle. In the event of cloth getting stained, gets washed off easily.	Clear	upto 120° C	20 cSt	0.85 g/cm ³	150°C
OKS 352 High Temperature Chain Oil	Clean lubrication with minimum evaporation loss. Does not form residues. Protection against wear. Emergency lubrication through Mo _x -Active additives. Performs over a wide range of temperature.	Green	-40°C to +200°C	330 to 350 cSt	0.94 g/cm ³	200°C
OKS 450 Adhesive Chain Lubricant	OKS 450 has a capacity to penetrate to the innermost friction parts chains. Forms a protective film which does not get thrown off or washed off. Gives excellent lubricity to chains under all adverse conditions.	Brownish transparent liquid	-30°C to +200°C	90 to 130 cSt	0.92 g/cm ³	200°C
OKS 451 Adhesive Chain Lubricant Spray	Aerosol version of OKS 450					
OKS 600 T Long Collar Spindle Oil	Long life lubricant for spindles	Clear brown		8 to 12 cSt	0.80-0.86 g/cm ³	60°C
OKS Mo _x -Active Gear Oil	Multipurpose high performance gear oils with long life characteristics.	Greenish brown		-150 to 680 cSt	0.86 - 0.92 g/cm ³	200°C to 290°C
OKS 1360 Silicone Oil	Superior long life silicone oil	Colourless	-60°C to 200°C	500 to 1000 cSt	0.93 - 0.98 g/cm ³	200°C
Berusynth EP Gear Oil Fully Synthetic EP Gear oils for long term lubrication	Excellent EP and anti-wear properties, good oxidation stability and heat resistance.	Light coloured	-25° C to 160° C	100 to 1000 cSt	1.03 g/cm ³	-