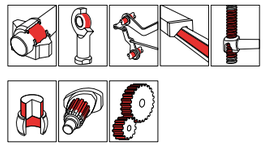
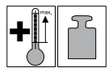
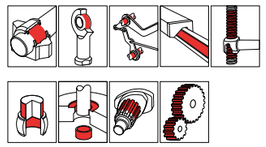
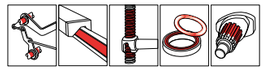
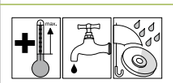
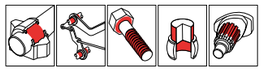
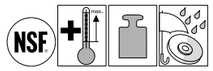
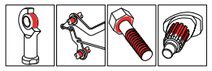
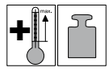
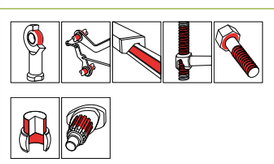
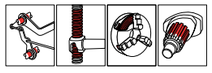
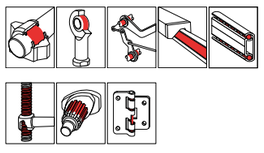
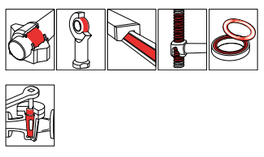
Pastes

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 200 Mox-Active	**MoS_2 Assembly Paste**		• Assembly lubrication for press-on processes • Run-in lubrication of highly loaded sliding surfaces • Lubricant for difficult moulding processes • Prevents wearing, stick-slip, seizing, run-in damage or pitting • For universal use		black white solid lubricants MoS_2 graphite Mo_x-Active synthetic oil thickener: lithium soap	lower operating temperature: -35 °C upper operating temperature: 450 °C (separation) press-fit test (µ): 0,09, no chatter four-ball test rig welding load: 2,400 N	40 ml Tube 250 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 217	**High-Temperature Paste, high purity**		• Assembly lubrication of screw threaded connection made of high-strength steel, at high temperatures in aggressive environment • Optimum ratio of screw tightening torque to achievable pre-tension • No burning together and rusting on • No reaction with metals • For use in the chemical industry		dark-grey semi-synthetic oil	lower operating temperature: -40 °C upper operating temperature: 1400 °C (separation) press-fit test (µ): 0,11, chatter from 4,000 N on four-ball test rig welding load: 4,400 N thread friction coefficient (µ total): 0.1 (M10: 8.8/10 black-oxide)	250 g Brush tin 1 kg Can 5 kg Hobbock
OKS 220 **OKS 221*** Mox-Active	**MoS_2 Rapid Paste**		• Assembly lubrication for press-on processes • Run-in lubrication of highly loaded sliding surfaces • Lubricant for difficult moulding processes • Effective immediately through high MoS_2 share • Rubbing in the paste not required • High-quality assembly paste		black MoS_2 other solid lubricants Mo_x-Active synthetic oil thickener: without	lower operating temperature: -35 °C upper operating temperature: 450 °C (separation) press-fit test (µ): 0,05, no chatter four-ball test rig welding load: 4,200 N	400 ml Cartridge 250 g Can 1 kg Can 5 kg Hobbock 400 ml Spray*
OKS 230	**MoS_2 High-Temperature Paste**		• For high-temperature applications up to 450 °C • (dry lubrication from approx. 200 °C) • Prevents wearing, stick-slip, seizing, run-in damage, pitting • Carrier oil evaporates residue-free from 200 °C upwards • Bearings of pouring ladles, converters, kiln cars, or similar • Relubrication in operation with OKS 310		black other solid lubricants MoS_2 polyglycol thickener: lithium hydroxystearate	lower operating temperature: -35 °C upper operating temperature: 180 °C / 450 °C (lubrication / separation) press-fit test (µ): 0,11, no chatter four-ball test rig welding load: 3,200 N thread friction coefficient (µ total): 0.1 (M10: 8.8/10 black-oxide)	250 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 235 **OKS 2351***	**Aluminiumpaste, Anti-Seize-Paste**		• For assembling screw and bolt threaded connections that are subjected to high temperatures and corrosive influences • Optimum ratio of screw tightening torque to achievable pre-tension • Prevents burning together or rusting on • Prevents seizing • Use as lubricating and separating paste		silver aluminium powder other solid lubricants mineral oil thickener: organic, inorganic	lower operating temperature: -30 °C upper operating temperature: 110 °C / 1,100 °C (lubrication / separation) thread friction coefficient (µ total): 0.13 (M10: 8.8/10 black-oxide)	250 ml Brush tin 1 kg Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 240 **OKS 241***	**Antiseize Paste (Copper Paste)**		• For assembling screw threaded connections subjected to high temperatures and corrosive influences • Prevents burning together or rusting on • Optimum ratio of screw tightening torque to achievable pre-tension • Classic anti-seize paste		copper-brown copper other solid lubricants MoS_2 synthetic oil thickener: inorganic	lower operating temperature: -30 °C upper operating temperature: 1100 °C (separation) press-fit test (µ): 0,12, no chatter four-ball test rig welding load: 2,800 N thread friction coefficient (µ total): 0.09 (M10: 8.8/10 black-oxide)	8 ml Tube 75 ml Tube 250 g Brush tin 1 kg Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 245	**Copper Paste with High Corrosion Protection**		• For screws, bolts and sliding surfaces subjected to high temperatures, water or sea water • Prevents burning together and rusting on • Prevents seizing during assembly • Highly adhesive • Excellent corrosion protection • Suitable for brake systems		copper-coloured copper powder EP additives AW additives mineral oil thickener: organic, inorganic	lower operating temperature: -30 °C upper operating temperature: 100 °C / 1,100 °C (lubrication / separation) thread friction coefficient (µ total): 0.14 (M10: 8.8/10 black-oxide) four-ball test rig welding load: 3,400 N	150 ml Dispenser 250 ml Brush tin 1 kg Can 5 kg Hobbock 25 kg Hobbock

Pastes

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 250 **OKS 2501*** Mo$_x$-Active	**White Allround Paste, metal-free**		• For screws, bolts and sliding surfaces subjected to high pressures and temperatures • Metal-free • Optimum ratio of tightening torque to achievable pre-tension • Excellent corrosion protection • Also suitable for stainless-steel connections • Use as universal high-temperature paste	 OKS 250: NSF H2 Reg. No. 131379	white white solid lubricants Mo$_x$-Active synthetic oil mixture thickener: polycarbamide	lower operating temperature: -40 °C upper operating temperature: 200 °C / 1,400 °C (lubrication / separation) press-fit test (µ): 0,10, no chatter four-ball test rig welding load: 3,600 N thread friction coefficient (µ total): 0.12 / 0.15 (M10: 8.8/10 black-oxide / M10: A2-70/A2-70)	8 ml Tube 80 ml Tube 250 g Brush tin 1 kg Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 252	**White High-Temperature Paste for Food Processing Technology**		• Lubrication of screws, bolts and sliding surfaces that are subjected to high pressures, high temperatures at low speeds or oscillating • movements • Prevents burning together and rusting on • Metal-free • Highly adhesive • Universal high-temperature assembly paste	 OKS 252: NSF H1 Reg. No. 135748	light grey white solid lubricants polyglycol thickener: silicate	lower operating temperature: -30 °C upper operating temperature: 160 °C / 1,200 °C (lubrication / separation) press-fit test (µ): 0,12, no chatter thread friction coefficient (µ total): 0.12 (M10: A2-70/A2-70)	80 ml Tube 200 g Dispenser 250 g Brush tin 1 kg Can
OKS 255	**Ceramic Paste**		• Lubrication of highly loaded sliding surfaces of all kinds, especially at low sliding speeds or oscillating movements • Surface separation of temperature-stressed threaded connections • Also suitable for stainless-steel connections		white white solid lubricants AW additives EP additives mineral oil thickener: organic, inorganic	lower operating temperature: -30 °C upper operating temperature: 100 °C / 1,400 °C (lubrication / separation) four-ball test rig welding load: 3,400 N thread friction coefficient (µ total): 0.13 (M10: 8.8/10 black-oxide)	150 ml Dispenser 250 ml Brush tin 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 260	**White Assembly Paste**		• For screws, bolts and sliding surfaces subjected to high pressures at low speeds • Optimum ratio of tightening torque to achievable pre-tension • Prevents frictional corrosion • Metal-free • Waterproof		light-coloured white solid lubricants white oil thickener: lithium soap	lower operating temperature: -25 °C upper operating temperature: 150 °C press-fit test (µ): 0,09, no chatter four-ball test rig welding load: 2,600 N thread friction coefficient (µ total): 0.08 (M10: 8.8/10 black-oxide)	250 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 265	**Chuck Jaw Paste**		• For sliding surfaces subjected to high pressures, vibrations and impact loads • Optimum coefficient of sliding friction for high elasticity • Resistant to water and cooling lubricants • Prevents frictional corrosion • Especially for chucks on machine tools		light-coloured white solid lubricants polyalphaolefine thickener: lithium soap	lower operating temperature: -45 °C upper operating temperature: 110 °C four-ball test rig welding load: 4,200 N thread friction coefficient (µ total): 0.1 (M10: 8.8/10 black-oxide)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 270	**White Grease Paste**		• Long-term lubrication of sliding surfaces subjected to high pressures • Non-soiling alternative to black lubricants • Use as multipurpose grease paste, e.g. on textile, packaging or office machines and household appliances		light-coloured white solid lubricants PTFE white oil thickener: lithium hydroxystearate	lower operating temperature: -25 °C upper operating temperature: 125 °C (lubrication) press-fit test (µ): 0,14, no chatter four-ball test rig welding load: 5,000 N thread friction coefficient (µ total): 0.09 (M10: 8.8/10 black-oxide)	250 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 277	**High-Pressure Lubrication Paste with PTFE**		• Lubrication of heavily loaded press and guide plates • Lubrication and sealing of fittings made of metal, plastic and ceramic • Long regreasing intervals • Good plastic and elastomer compatibility • Highly adhesive • Use as lubrication paste, e.g. for telescope booms of mobile cranes		white ester thickener: PTFE	lower operating temperature: -20 °C upper operating temperature: 150 °C four-ball test rig welding load: 2,200 N	1 kg Can 25 kg Hobbock

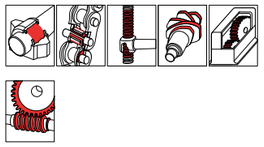
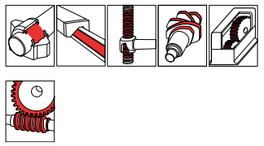
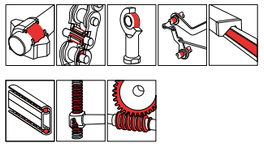
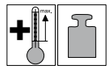
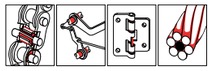
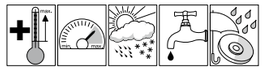
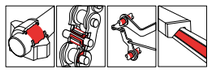
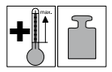
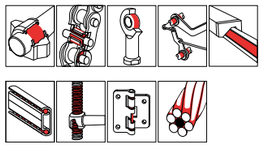
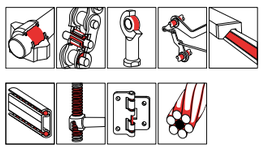
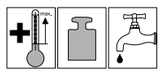
Pastes

Pastes

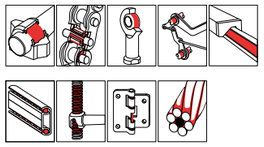
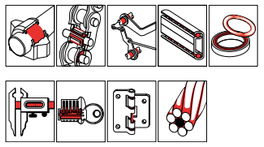
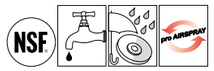
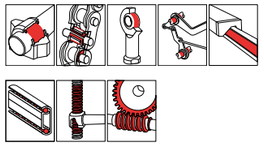
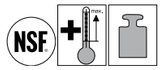
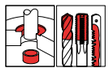
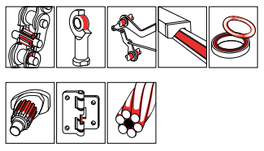
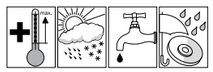
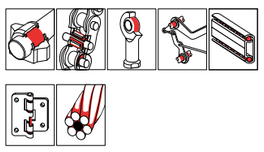
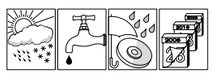
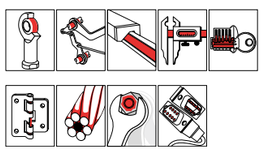
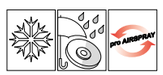
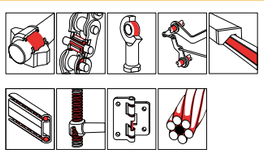
Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 280	**White High Temperature Paste**		• Lubricating paste for temperature-stressed sliding surfaces • Good separating effect through optimal solid lubricant combinations • Prevents carburising of tools and workpieces • Extends tool lives • Use as separating paste at thermoforming processes		white white solid lubricants mineral oil thickener: lithium soap	lower operating temperature: -15 °C upper operating temperature: 1,150 °C four-ball test rig welding load: 2,400 N thread friction coefficient (μ total): 0.09 (M10: 8.8/10 black-oxide)	1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 1103	**Heat Sink Paste** DIN 51 502: MSI3R-40		• Protection of sensitive electronic components against overheating • High thermal conductivity, 20 times better than at air • Electrically insulating • No drying out, hardening or bleeding • For thermal coupling of electronic components such as sensors, probes, diodes, transistors, etc. to cooling plates		white metal oxides polydimethylsiloxane thickener: inorganic	lower operating temperature: -40 °C upper operating temperature: 180 °C thermal conductivity: approx. 0.7 W/(m·K) (21 °C) dielectric strength: approx. 19 kV/mm thermal capacity (21 °C): approx. 1.03 J/cm³K	40 ml Tube 500 g Can 5 kg Hobbock
OKS 1105	**Insulating Paste** analogue to DIN 51 502: MSI23S-40		• Sealing lubrication for electrical or electronic equipment • Highly adhesive on glass, porcelain and plastics • Excellent resistance to chemical and weather-based influences • Small change in the dielectric properties across a wide temperature range • For protection of insulators and switchgear in a humid atmosphere		light-coloured polydimethylsiloxane thickener: inorganic	lower operating temperature: -40 °C upper operating temperature: 200 °C specific resistivity: approx. 10^{14} 1/Ω cm (25 °C) dielectric constant: 2.75 (10^2 - 10^5 Hz)	500 g Can 5 kg Hobbock

OILS WITH HIGH-PERFORMANCE ADDITIVES FOR RELIABLE LUBRICATION

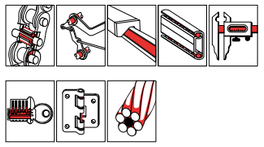
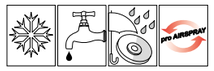
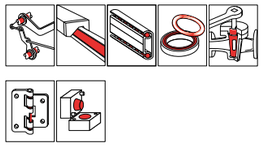
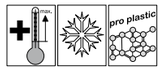
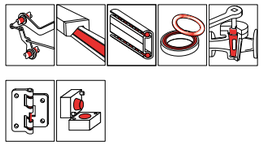
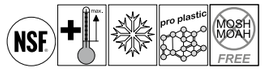
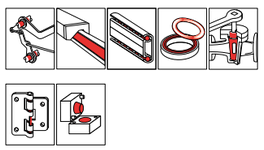
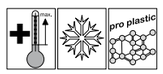
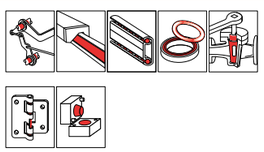
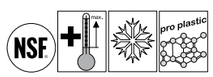
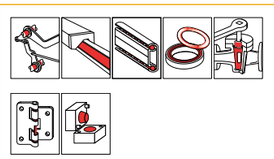
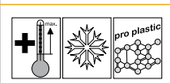
Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 30	**Mo_x-Active Additive** ISO VG 68		• EP additive for universal use as additive to industrial oils • Improves the run-in lubrication of new and overhauled machines • Smoothing of the surfaces results in lower wear and thermal loading of the lubricant • Makes longer lubricating intervals possible		greenish Mo_x-Active ester	density (at 20 °C): 1.03 g/cm³ viscosity at (40 °C): 70 mm²/s	1 l Bottle 5 l Canister
OKS 300	**MoS_2 Mineral Oil Concentrate** ISO VG 100		• Additive on MoS_2 and Mo_x basis • Reduces friction, temperature and wear • Smoothens the surfaces • Creates emergency-running properties • Passes common filters, does not react to magnetic filters • Additive to gear, engine and machine oils		black MoS_2 Mo_x-Active mineral oil	density (at 20 °C): 0.92 g/cm³ viscosity at (40 °C): approx. 90 mm²/s	1 l Bottle 5 l Canister 25 l Canister 200 l Drum
OKS 310	**MoS_2-High Temperature Lubricating Oil** ISO VG 100		• Lubrication of machine elements up to +450 °C • Residue-free evaporation of the base oil above +200 °C • Dry lubrication from +200 °C to +450 °C • Lubrication in steelworks, foundries, rolling mills, ceramics industry		black MoS_2 polyglycol	upper operating temperature: 200 °C (liquid lubrication) density (at 20 °C): 1.01 g/cm³ viscosity at (40 °C): 108 mm²/s four-ball test rig welding load: 2,800 N	1 l Bottle 5 l Canister 25 l Canister
OKS 340 **OKS 341***	**Chain Protector, strongly adhesive** ISO VG 460 DIN 51 502: CLP X 460		• Synthetic lubricant for machine elements subjected to high pressure or corrosive influences • Extremely high creep capacity • Highly adhesive and resistant to throwing off • Excellent wear protection • Chain O-ring neutral • For fast-running chains		greenish Mo_x-Active adhesion improver polyisobutylene	lower operating temperature: -30 °C upper operating temperature: 180 °C density (at 20 °C): 0.9 g/cm³ viscosity at (40 °C): 440 mm²/s four-ball test rig welding load: 2,600 N	1 l Bottle 5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 350	**High-Temperature Chain Oil with MoS_2, synthetic** ISO VG 220		• Synthetic oil for machine elements at high temperatures • Highly load-bearing capacity due to finest, homogeneous MoS_2 distribution in oil • Emergency running propeties through MoS_2 at dry running • Outstanding adhesion and lubrication effect with no tendency to drip or dry out • Silicone-free		black MoS_2 Mo_x-Active synthetic oil	lower operating temperature: -30 °C upper operating temperature: 250 °C density (at 20 °C): 0.9 g/cm³ viscosity at (40 °C): 240 mm²/s coefficient of friction SRV (μ): 0.125 (50 °C, 300N, 0.5mm, 50Hz, 120 min)	5 l Canister 25 l Canister 200 l Drum
OKS 352 **OKS 3521***	**High Temperature Oil, light-coloured, synthetic** DIN 51 502: CLP E 320		• Synthetic high-temperature oil • Good wear protective through EP additives • Excellent oxidation protection, therefore resistant to ageing • Low tendency to drip at high temperatures • Minimal evaporation losses • Residue-free evaporation • Good water and steam resistance		yellowish ester	lower operating temperature: -10 °C upper operating temperature: 250 °C density (at 20 °C): 0.9 g/cm³ viscosity at (40 °C): 270 mm²/s four-ball test rig welding load: 2,400 N	1 l Bottle 5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 353	**High-Temperature Oil, light-coloured, synthetic** ISO VG 100 DIN 51 502: CLP E 100		• Synthetic high-temperature oil • Good wear protective through EP additives • Excellent oxidation protection, therefore resistant to ageing • Low tendency to drip at high temperatures • Minimal evaporation losses • Residue-free evaporation • Good cleaning action		yellow ester	lower operating temperature: -25 °C upper operating temperature: 250 °C density (at 20 °C): 0.96 g/cm³ viscosity at (40 °C): 100 mm²/s four-ball test rig welding load: 2,000 N	1 l Bottle 5 l Canister 25 l Canister

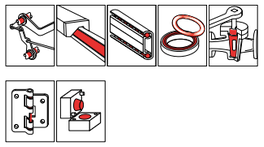
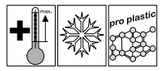
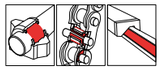
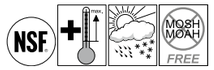
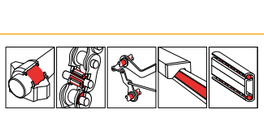
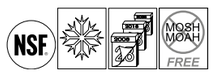
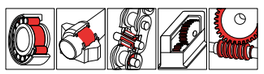
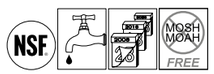
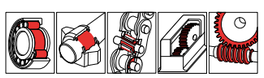
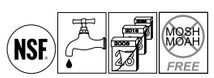
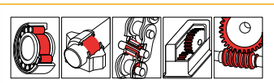
Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 354 **OKS 3541***	**High-Temperature Adhesive Lubricant, synthetic** analogue to DIN 51 502: CLP E 4.000		• Lubrication of machine elements at high temperatures or strong influence of water • Excellent oxidation protection, therefore resistant to ageing • Excellent resistance against water, steam and aggressive media • Extremely adhesive		yellowish Mo_x-Active ester	lower operating temperature: -10 °C upper operating temperature: 250 °C density (at 20 °C): 0.91 g/cm³ viscosity at (40 °C): 4,000 mm²/s four-ball test rig welding load: 2,200 N	1 l Bottle 5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 370 **OKS 371***	**Universal Oil for Food Processing Technology** ISO VG 15		• High-performance oil for precision machine elements • Tasteless and odourless • Extremely high creep capacity • Displaces water • Dissolves dirt and rust • Washed out of textiles • For use in textile and packaging industry	 OKS 370: NSF H1 Reg. No. 124382 OKS 371: NSF H1 Reg. No. 124384	colourless white oil	lower operating temperature: -10 °C upper operating temperature: 180 °C density (at 20 °C): 0.88 g/cm³ viscosity at (40 °C): 14 mm²/s	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 387	**High-Temperature Chain Lubricant for the Food Industry** ISO VG 220		• Synthetic lubricant with graphite for strongly loaded lubrication points at extreme temperatures • Reduces wear • Excellent lubricating and emergency running properties • Base oil that evaporates odourlessly and residue-free above +200 °C • Dry lubrication up to +600 °C	 OKS 387: NSF H1 Reg. No. 126583	black graphite polyglycol	upper operating temperature: 150 °C (liquid lubrication) density (at 20 °C): 1.04 g/cm³ viscosity at (40 °C): 190 mm²/s four-ball test rig welding load: 2,800 N	5 l Canister 25 l Canister
OKS 390 **OKS 391***	**Cutting Oil for all metals** ISO VG 22		• For machining work on all metals • Permits high cutting speeds • Reduces application of force • Results in optimum cutting surfaces and extended tool life • For universal use in workshops and during assembly work		yellowish mineral oil	density (at 20 °C): 0.87 g/cm³ viscosity at (40 °C): 22 mm²/s	250 ml Bottle 5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 450 **OKS 451***	**Chain and Adhesive Lubricant, transparent** ISO VG 320 DIN 51 502: CLP X 320		• For fast-running chains and other machine elements subjected to high pressures or corrosive influences • Extremely high creep capacity • Highly adhesive , waterproof • Resistant to throwing off • Excellent wear protection • Suitable for lubricating flexible drives		brown-transparent adhesion improver Mo_x-Active synthetic oil mixture	lower operating temperature: -30 °C upper operating temperature: 200 °C viscosity at (40 °C): 300 mm²/s four-ball test rig welding load: 2,400 N	1 l Bottle 5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 600 **OKS 601***	**Multi Oil** analogue to DIN 51 502: CL 3		• Low-viscosity multipurpose oil • Excellent creep properties • Excellent corrosion protection • Dismantling rusted-in parts • Excellent lubricating properties • Displaces moisture • For cleaning and care of metal surfaces • Protects electrical contacts		brownish transparent mineral oil	lower operating temperature: -30 °C upper operating temperature: 60 °C density (at 20 °C): 0.81 g/cm³ viscosity at (40 °C): approx. 3 mm²/s salt spray test: > 50 h coefficient of friction SRV (μ): 0.09 (ball, disk)	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 641	**Maintenance Oil, Spray**		• For dismantling, lubrication and care of machine elements and metal surfaces • Good cleaning action • Temporary protection against corrosion • Displaces moisture • For use in industry and workshop field		brown mineral oil	lower operating temperature: -30 °C upper operating temperature: 60 °C / 150 °C (with solvent / after evaporation of the solvent) density (at 20 °C): 0.82 g/cm³ viscosity at (40 °C): 3 mm²/s (with solvent) coefficient of friction SRV (μ): 0.11 (ball, disk) salt spray test: > 100 h	400 ml Spray
OKS 670 **OKS 671***	**High-Performance Lube Oil with white Solid Lubricants** analogue to DIN 51 502: CLF 15		• Long-term lubrication of machine elements subjected to high pressures, dust or moisture • Excellent corrosion protection • Good creep properties • Lubrication wherever good penetration capacity is the only possibility for relubrication, e.g. at joints, hinges, levers and guides		beige white solid lubricants mineral oil	lower operating temperature: -30 °C upper operating temperature: 60 °C / 150 °C (with solvent / after evaporation of the solvent) density (at 20 °C): 0.82 g/cm³ viscosity at (40 °C): 18 mm²/s (with solvent) coefficient of friction SRV (μ): 0.08 (ball, disk) salt spray test: > 150 h	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*

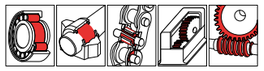
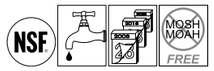
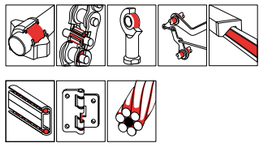
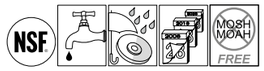
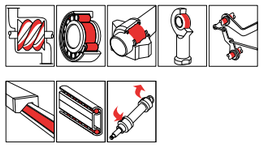
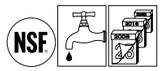
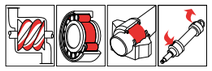
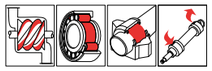
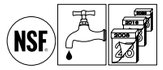
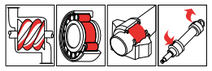
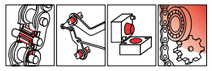
Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 700 **OKS 701***	**Synthetic Oil** analogue to DIN 51 502: CL X 15		• For lubrication and care of high-precision machine elements • Resin and acid-free • Good creep behaviour • Excellent wetting behaviour • Compatible with plastics • For use on measuring instruments in precision mechanics or optics		light brown polyisobutylene	lower operating temperature: -50 °C upper operating temperature: 100 °C density (at 20 °C): 0.84 g/cm³ viscosity at (40 °C): 17.5 mm²/s	5 l Canister 25 l Canister 100 ml Spray 400 ml Spray*
OKS 1010/1	**Silicone Oil,** **100 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 100 cSt		transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 100 mm²/s	1 l Bottle 5 l Canister 25 l Canister 200 l Drum
OKS 1010/2	**Silicone Oil,** **1000 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 1,000 cSt	 OKS 1010/2: NSF H1 Reg. No. 135921	transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 1,000 mm²/s	1 l Bottle 5 l Canister 25 l Canister
OKS 1020/2	**Silicone Oil,** **2000 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 2,000 cSt		transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 2,000 mm²/s	5 l Canister 25 l Canister 200 l Drum
OKS 1035/1	**Silicone Oil,** **350 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 350 cSt	 OKS 1035/1: NSF H1 Reg. No. 154506	transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 350 mm²/s	1 l Bottle 5 l Canister 25 l Canister 200 l Drum
OKS 1050/0	**Silicone Oil,** **50 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 50 cSt		transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 50 mm²/s	1 l Bottle 5 l Canister 25 l Canister

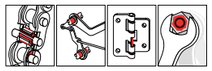
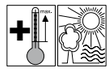
Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 1050/1	**Silicone Oil, 500 cSt**		• Lubricant and parting agents for plastics and elastomers • Also as damping oil • Neutral with respect to plastics, elastomers or paints • Broad temperature application range • Excellent surface wetting • Resin and acid-free • Viscosity of 500 cSt		transparent polydimethylsiloxane	lower operating temperature: -50 °C upper operating temperature: 200 °C density (at 20 °C): 0.96 - 0.97 g/cm³ viscosity at (25 °C): 500 mm²/s	5 l Canister
OKS 3570 **OKS 3571*** ISO VG 320 analogue to DIN 51 502: CLP E 320	**High-Temperature Chain Oil for Food Processing Technology**		• Lubrication of chains, hinges, joints, clamping and drying frames or slideways at high temperatures up to 250 °C • Good adhesion on metal surfaces • Excellent water resistance • Excellent oxidation properties • For use in conveying systems, painting, stoving and drying systems of the packaging and food processing industry	 OKS 3570: NSF H1 Reg. No. 145347 OKS 3571: NSF H1 Reg. No. 147769	yellowish-red synthetic oil	lower operating temperature: -10 °C upper operating temperature: 250 °C density (at 20 °C): 0.87 g/cm³ viscosity at (40 °C): 300 mm²/s	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 3600 **OKS 3601*** ISO VG 220 DIN 51 502: CLP HC 220	**Adhesive Oil and High-Performance Corrosion Protection for Food Processing Technology**		• Excellent corrosion protection of bare machine parts, also for food processing technology • Storage and lubrication under corrosive conditions • Good creep properties • Contains non-ferrous metal deactivator • Shipping protection of metal surfaces, packed and unpacked machines under extreme climatic conditions, industrial atmosphere or at outdoor weathering under roof	 OKS 3600: NSF H1 Reg. No. 153877 OKS 3601: NSF H1 Reg. No. 154933	yellow-brown polyalphaolefine	lower operating temperature: -40 °C upper operating temperature: 80 °C density (at 20 °C): 0.81 g/cm³ viscosity at (100 °C): > 21.5 mm²/s salt spray test: > 100 h / > 300 h (brush application / spray application (max.))	5 l Canister 25 l Canister 400 ml Spray*
OKS 3710 **OKS 3711*** ISO VG 7 DIN 51 502: CL HC 7	**Low-Temperature Oil for Food Processing Technology**		• Fully synthetic oil for permanently low temperatures • Excellent low-temperature behaviour • Optimal additives against oxidation and ageing • Long economic operating times • For use in cold storage houses, shock freezers, etc.	 OKS 3710: NSF H1 Reg. No. 142477 OKS 3711: NSF H1 Reg. No.155620	colourless polyalphaolefine	lower operating temperature: -60 °C upper operating temperature: 135 °C density (at 20 °C): 0.8 g/cm³ viscosity at (40 °C): 7.35 mm²/s	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 3720 ISO VG 220 DIN 51 502: CLP HC 220	**Gear Oil for Food Processing Technology**		• Fully synthetic • Also for the lubrication of rolling, friction bearings, chains and other lubricating points • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3720: NSF H1 Reg. No. 135752	colourless-yellow synthetic oil mixture	lower operating temperature: -30 °C upper operating temperature: 120 °C density (at 20 °C): 0.86 g/cm³ viscosity at (40 °C): 220 mm²/s FZG wear protection test: power level > 12 (A/8,3/90)	5 l Canister 25 l Canister 200 l Drum
OKS 3725 ISO VG 320 DIN 51 502: CLP HC 320	**Gear Oil for Food Processing Technology**		• Fully synthetic • Also for the lubrication of rolling, friction bearings, chains and other lubricating points • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3725: NSF H1 Reg. No. 143596	colourless-yellow synthetic oil mixture	lower operating temperature: -30 °C upper operating temperature: 120 °C viscosity at (40 °C): 320 mm²/s FZG wear protection test: power level > 12 (A/8,3/90)	5 l Canister 25 l Canister
OKS 3730 ISO VG 460 DIN 51 502: CLP HC 460	**Gear Oil for Food Processing Technology**		• Fully synthetic • Also for the lubrication of rolling, friction bearings, chains and other lubricating points • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3730: NSF H1 Reg. No. 135753	colourless-light yellow synthetic oil mixture	lower operating temperature: -30 °C upper operating temperature: 120 °C density (at 20 °C): 0.86 g/cm³ viscosity at (40 °C): 460 mm²/s FZG wear protection test: power level > 12 (A/8,3/90)	5 l Canister 25 l Canister 200 l Drum

Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 3740	**Gear Oil for Food Processing Technology** ISO VG 680 DIN 51 502: CLP HC 680		• Fully synthetic • Also for the lubrication of rolling, friction bearings, chains and other lubricating points • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3740: NSF H1 Reg. No. 135754	colourless synthetic oil mixture	lower operating temperature: -25 °C upper operating temperature: 120 °C density (at 20 °C): 0.86 g/cm³ viscosity at (40 °C): 680 mm²/s FZG wear protection test: power level > 12 (A/8,3/90)	5 l Canister 25 l Canister
OKS 3750 **OKS 3751***	**Adhesive Lubricant with PTFE** ISO VG 100 DIN 51 502: CLPF HC 100		• Lubricating oil with PTFE • Long operating times due to high temperature and oxidation stability • Excellent wear protection , adheres well • High pressure absorption capacity • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3750: NSF H1 Reg. No. 124383 OKS 3751: NSF H1 Reg. No. 124801	whitish PTFE polyalphaolefine	lower operating temperature: -35 °C upper operating temperature: 180 °C density (at 20 °C): 0.85 g/cm³ viscosity at (40 °C): 100 mm²/s four-ball test rig welding load: 3,000 N	5 l Canister 400 ml Spray*
OKS 3760	**Multipurpose Oil for Food Processing Technology** ISO VG 100 analogue to DIN 51 502: HLP HC 100, VDL HC 100		• Fully synthetic multipurpose oil • Also suitable as compressor- or hydraulic oil • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents • Tasteless and odourless	 OKS 3760: NSF H1 Reg. No. 129964	colourless polyalphaolefine	lower operating temperature: -35 °C upper operating temperature: 135 °C density (at 20 °C): 0.84 g/cm³ viscosity at (40 °C): 100 mm²/s	1 l Bottle 5 l Canister 25 l Canister 200 l Drum
OKS 3770	**Hydraulic Oil for Food Processing Technology** ISO VG 46 DIN 51 502: HLP HC 46, VDL HC 46		• Fully synthetic oil for hydraulic systems, as well as other machine elements • For screws and multiple vane rotary vacuum pumps • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3770: NSF H1 Reg. No. 129962	colourless polyalphaolefine	lower operating temperature: -40 °C upper operating temperature: 135 °C density (at 20 °C): 0.83 g/cm³ viscosity at (40 °C): 46 mm²/s	5 l Canister 25 l Canister 200 l Drum
OKS 3775	**Hydraulic Oil for Food Processing Technology** ISO VG 32 DIN 51 502: VDL HC 32, HLP HC 32		• Fully synthetic oil for hydraulic systems, as well as other machine elements • For screws and multiple vane rotary vacuum pumps • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3775: NSF H1 Reg. No. 143597	colourless polyalphaolefine	lower operating temperature: -45 °C upper operating temperature: 135 °C density (at 20 °C): 0.83 g/cm³ viscosity at (40 °C): 32 mm²/s	5 l Canister 25 l Canister 200 l Drum
OKS 3780	**Hydraulic Oil for Food Processing Technology** ISO VG 68 DIN 51 502: HLP HC 68, VDL HC 68		• Fully synthetic oil for hydraulic systems, as well as other machine elements • For screws and multiple vane rotary vacuum pumps • Long operating times due to high temperature and oxidation stability • Good wear protection • Resistant to steam, alkali and acid disinfectants and cleaning agents	 OKS 3780: NSF H1 Reg. No. 136036	colourless polyalphaolefine	lower operating temperature: -40 °C upper operating temperature: 135 °C density (at 20 °C): 0.83 g/cm³ viscosity at (40 °C): 68 mm²/s	5 l Canister 25 l Canister 200 l Drum
OKS 3790	**Sugar-Dissolving Oil, fully synthetic**		• For dissolving sugar deposits and cleaning machine parts • Lubrication of precision mechanisms • Forming lubricant for packaging • Good cleaning and lubrication effect • Good wear and corrosion protection • Tasteless and odourless emulsion • Specially for use in the sweets industry	 OKS 3790: NSF H1 Reg. No. 128470	colourless water polyglycol	lower operating temperature: -5 °C upper operating temperature: 80 °C density (at 20 °C): 1.06 g/cm³ viscosity at (40 °C): 20-24 mm²/s	5 l Canister 25 l Canister

Oils

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 8600 **OKS 8601***	**BIOlogic Multi Oil** ISO VG 32 analogue to DIN 51 502: CLX 32		• Universal biodegradable multipurpose oil in the temperature range up to 160°C • Good creep and lubrication properties • VOC-free • Silicone-free • For use in forestry, agriculture and water management	 biodegradability: CEC-L-33-T-82 > 90 %	yellowish-light brown ester	lower operating temperature: -5 °C upper operating temperature: 160 °C density (at 20 °C): 0.92 g/cm³ viscosity at (40 °C): 35-40 mm²/s	5 l Canister 25 l Canister 200 l Drum 300 ml Spray*

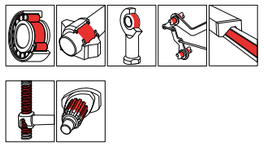
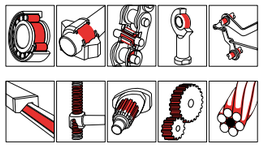
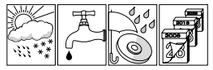
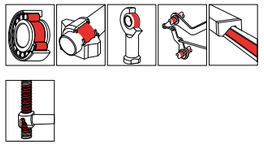
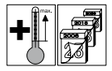
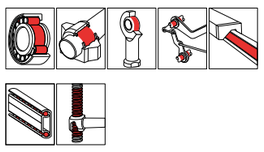
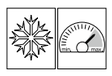
Oils

GREASES FOR LONG-TERM LUBRICATION UNDER CRITICAL OPERATION CONDITIONS

OKS®

Greases

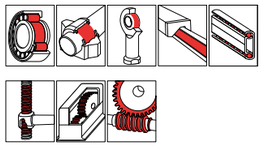
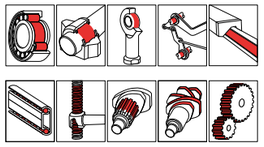
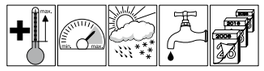
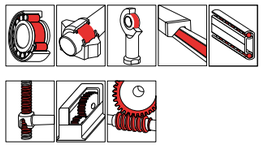
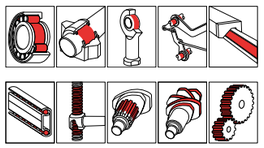
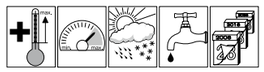
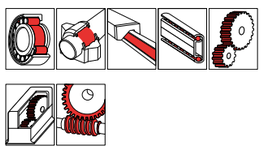
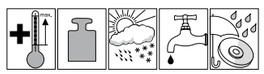
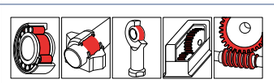
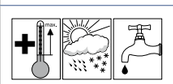
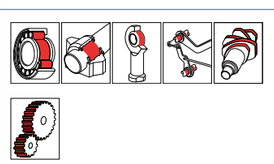
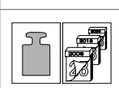
Greases

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 400	**MoS_2 Multipurpose High-Performance Grease** DIN 51 502: KPF2K-30		• For heavily loaded or impact-loaded rolling and friction bearings, spindles and joints • Forms an MoS_2 sliding film for emergency running properties • Reduces wear • Resistant to ageing and oxidation • High-pressure grease for universal use		black MoS_2 EP additives mineral oil thickener: lithium soap	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 100 mm^2/s (base oil) four-ball test rig welding load: 3,600 N	80 ml Tube 400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 402	**Ball-Bearing High-Performance Grease** DIN 51 502: K2K-30		• For machine elements such as rolling and friction bearings, spindles and slideways under normal loads • Reduces wear • Good resistance to pressure and water • Resistant to ageing and oxidation • Multipurpose grease		beige mineral oil thickener: lithium soap	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): approx. 110 mm^2/s (base oil) four-ball test rig welding load: 2,000 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 403	**Marine Grease**		• Lubrication of machine elements subjected to water or sea water • Excellent corrosion protection • Adheres well • Has proven itself in wet operating environments and in coastal and marine areas • Suitable as water pump grease		brown mineral oil thickener: calcium soap	lower operating temperature: -25 °C (≤ 1,400 hPa) upper operating temperature: 80 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 1-2 (DIN ISO 2137) viscosity at (40 °C): 100 mm^2/s (base oil) four-ball test rig welding load: 3,000 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 404	**High-Performance and High-Temperature Grease** DIN 51 502: KP2P-30		• For lubricating high pressure loaded rolling and friction bearings in a wide temperature range • Reduces wear • Good pressure resistance • Good water resistance • Resistant to ageing and oxidation • Good corrosion protection • Modern grease with a wide range of applications		light-coloured mineral oil polyalphaolefine thickener: lithium-complex soap	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 150 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 100 mm^2/s (base oil) four-ball test rig welding load: 2,800 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 410 Mo_x-Active	**MoS_2 High-Pressure Long-Life Grease** DIN 51 502: KPF2K-20		• Long-term lubrication of lubrication points subjected to pressure or impacts also under outdoor exposure • Good emergency running properties • Excellent wear protection • Good water resistance • Highly adhesive • For harsh conditions, e.g. in rolling mills, const-ruction and agricultural machines, in mining and port operations		grey MoS_2 Mo_x-Active mineral oil thickener: lithium hydroxystearate	lower operating temperature: -20 °C (≤ 1,400 hPa) upper operating temperature: 130 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 185 mm^2/s (base oil) four-ball test rig welding load: 3,600 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 416	**Low-Temperature and High-Speed Grease** DIN 51 502: KPE2K-50		• Supple consistency, also at low temperatures • Good wear protection • High dynamic load-bearing capacity • Good corrosion protection • Reliable lubrication of conveying equipment and spindle bearings in cold storage houses • Suitable as instrument grease	 biodegradability: CEC-L-33-A94 > 70 %	yellow mineral oil ester thickener: lithium soap	lower operating temperature: -50 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 15 mm^2/s (base oil) four-ball test rig welding load: 2,400 N	400 ml Cartridge 1 kg Can 5 kg Hobbock
OKS 418	**High-Temperature Grease** analogue to DIN 51 502: KPF2N-20		• Lubrication of friction and rolling bearings at higher temperatures • Long-term lubrication of lubrication points subjected to high pressure • Good wear protection • Good resistance to oxidation and ageing • Economic hot bearing grease without drop point		black MoS_2 mineral oil thickener: silicate	lower operating temperature: -25 °C (< 1,400 hPa) upper operating temperature: 150 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 220 mm^2/s (base oil)	1 kg Can 5 kg Hobbock 25 kg Hobbock

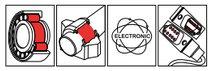
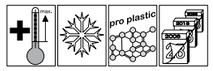
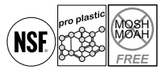
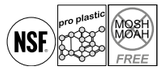
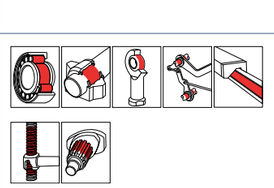
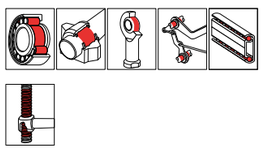
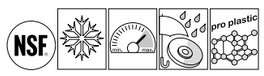
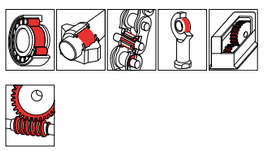
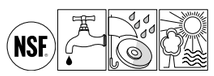
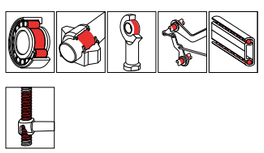
GREASES FOR LONG-TERM LUBRICATION UNDER CRITICAL OPERATION CONDITIONS

Greases

Greases

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 420 Mo$_x$-Active	**High-Temperature Multipurpose Grease** analogue to DIN 51 502: KP1-2P-10		• For rolling and friction bearings, slow-running gears and chains at high temperatures, impact and pressure loads or water influences • Extremely impact and pressure-resistant • Good wear protection • Highly adhesive • For universal use at increased requirements • Also available as fluid grease, NLGI 00		beige Mo$_x$-Active mineral oil thickener: polycarbamide	lower operating temperature: -10 °C (≤ 1,400 hPa) upper operating temperature: 160 °C consistency: NLGI grade 1-2 (DIN ISO 2137) viscosity at (40 °C): 490 mm²/s (base oil)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 422	**Universal Grease for Long-Life Lubrication** DIN 51 502: KPHC2N-40		• For rolling and friction bearings and spindles at extreme temperatures or high speeds • Extremely impact and pressure-resistant • Excellent wear protection • Long regreasing intervals • Use outside normal performance areas • Spindle bearing lubrication at machine tools		light-coloured polyalphaolefine thickener: barium-complex soap	lower operating temperature: -40 °C (≤ 1,400 hPa) upper operating temperature: 140 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 50 mm²/s (base oil) four-ball test rig welding load: 3,400 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 424	**Synthetic High-Temperature Grease** DIN 51 502: KHC1-2S-40		• For rolling and friction bearings at high temperatures and high loads • Good temperature resistance • Good plastic and elastomer compatibility • Good resistance against aggressive • environmental influences • Suitable for lubrication of exhaust-gas fans		beige polyalphaolefine thickener: polycarbamide	lower operating temperature: -40 °C (≤ 1,400 hPa) upper operating temperature: 200 °C consistency: NLGI grade 1-2 (DIN ISO 2137) viscosity at (40 °C): 400 mm²/s (base oil)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 425	**Synthetic Long-Life Grease** DIN 51 502: KPHC2K-50		• Long-term or for-life lubrication of machine elements that are subjected to high pressures and high temperatures • Excellent wear protection • For high speeds • Good temperature resistance • Spindle-bearing lubrication		beige polyalphaolefine thickener: special calcium soap	lower operating temperature: -50 °C (≤ 1,400 hPa) upper operating temperature: 130 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 30 mm²/s (base oil) four-ball test rig welding load: 3,400 N	400 ml Cartridge 1 kg Can 25 kg Hobbock
OKS 427	**Gear and Bearing Grease** analogue to DIN 51 502: GP0/00P-10		• For relatively slow-running gears, alternatively to oil lubrication • Lubrication of drive and transport chains, rolling and friction bearings • For high pressures, also at impact loads • Minimising of the losses for leaks in comparison to oil lubrication • Excellent wear protection		brownish mineral oil synthetic oil thickener: polycarbamide	lower operating temperature: -15 °C upper operating temperature: 160 °C consistency: NLGI grade 0-00 (DIN ISO 2137) viscosity at (40 °C): 490 mm²/s (base oil)	1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 428	**Fluid Grease for Gears, synthetic** DIN 51 502: GPPG00K-40		• For heavily loaded gearing exposed to weather outdoors and/or low temperatures, as well as angled or vertical shafts, also with gear designs which are not oil-tight • For friction bearings with low clearance or high speeds • For high pressures and impact loads		brown polyglycol thickener: lithium hydroxystearate	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 00 (DIN ISO 2137) viscosity at (40 °C): 120 mm²/s (base oil) four-ball test rig welding load: 3,000 N	1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 432	**High Melting-Point Grease** DIN 51 502: KP2R-20		• For rolling and friction bearings and similar components, at high loads and temperatures • Excellent wear protection • Good resistance to oxidation and ageing • Good pressure resistance • Maintenance of lubricating effect even at high temperatures		brown mineral oil thickener: aluminium-complex soap	lower operating temperature: -25 °C (≤ 1,400 hPa) upper operating temperature: 190 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 230 mm²/s (base oil) four-ball test rig welding load: 2,800 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 433	**Long-Acting High-Pressure Grease** DIN 51 502: KP2K-20		• For friction and rolling bearings at high pressures • EP additives • Good wear protection • Good resistance to oxidation and ageing • For heavily loaded rolling and taper roller bearings, e.g. on rolling stands, hot and cold shearing systems, sliding blocks and spindles		red-brown mineral oil thickener: lithium hydroxystearate	lower operating temperature: -20 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 185 mm²/s (base oil) four-ball test rig welding load: 2,600 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock

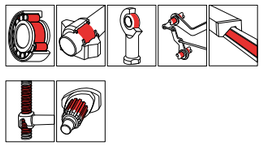
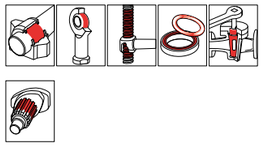
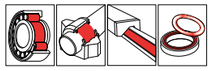
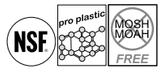
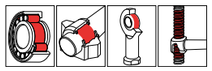
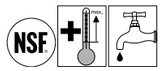
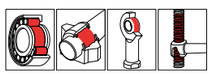
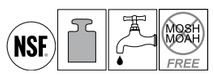
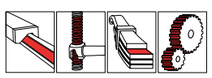
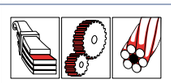
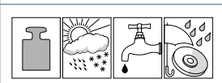
Greases

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 464	**Electrically Conductive Rolling Bearing Grease** DIN 51 502: KHC2N-40		• Special grease for long-term lubrication of rolling and friction bearings for avoiding electrostatic charging • Good resistance to oxidation and ageing in rolling bearings • For bearings in motors, sheet drawing systems, sheet printing machines, etc.		black carbon polyalphaolefine thickener: lithium soap	lower operating temperature: -40 °C (≤ 1,400 hPa) upper operating temperature: 150 °C (F50 (A/1500/6000), > 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 150 mm²/s (base oil) specific resistivity: < 10 1/Ω cm (electrode distance 1cm)	400 ml Cartridge 1 kg Can
OKS 468	**Plastic and elastomer adhesive lubricant**		• Silicone-free lubricant and sealing lubricant for plastic/plastic and plastic/metal combinations • Good elastomer and plastic compatibility • EPDM compatible • Silicone-free, highly adhesive	 OKS 468: NSF H1 Reg. No. 135591	transparent polyalphaolefine thickener: inorganic	lower operating temperature: -25 °C upper operating temperature: 150 °C viscosity at (40 °C): 1,700 mm²/s (base oil)	1 kg Can 5 kg Hobbock
OKS 469	**Plastic and Elastomer Grease**		• Silicone-free lubricant and sealing lubricant for plastic/plastic and plastic/metal combinations • Good elastomer and plastic compatibility • Silicone-free • Tested for beer foam compatibility	 OKS 469: NSF H1 Reg. No. 131380 Tested for beer foam compatibility	transparent polyalphaolefine thickener: inorganic	lower operating temperature: -25 °C upper operating temperature: 150 °C viscosity at (40 °C): 400 mm²/s (base oil)	1 kg Can
OKS 470 **OKS 471***	**White Universal High-Performance Grease** DIN 51 502: KF2K-30		• For heavily loaded rolling and friction bearings, spindles and slideways when dark-coloured lubricants cannot be used • Good pressure properties • Reduces wear • Resistant to ageing and oxidation • Waterproof	 OKS 470: NSF H2 Reg. No. 137707	white white solid lubricants mineral oil thickener: lithium hydroxystearate	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): approx. 110 mm²/s (base oil) four-ball test rig welding load: 3,400 N	80 ml Tube 400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum 400 ml Spray*
OKS 472	**Low-Temperature Grease for Food Processing Technology** DIN 51 502: KHC1K-40		• Lubrication of rolling and friction bearings with minimal bearing play and high speeds, at low temperatures as well as low coasting torques • Functionality of the lubricating film up to -70 °C • Reduces wear • Good resistance to ageing and oxidation • For bearings in cold storage houses, ice factories, etc.	 OKS 472: NSF H1 Reg. No. 135749	whitish ester polyalphaolefine thickener: aluminium-complex soap	lower operating temperature: -45 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 1 (DIN ISO 2137) viscosity at (40 °C): 30 mm²/s (base oil)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 473	**Fluid Grease for food processing technology** analogue to DIN 51 502: GPHC00K-40, KPHC00K-40		• For closed gears, rolling and friction bearings, joints or chains if grease lubrication is provided for • Also suitable for higher speed, minimal bearing play or slight gear clearance • Reduces wear, waterproof • Can be conveyed well using central lubricating systems	 OKS 473: NSF H1 Reg. No. 140485	light yellow polyalphaolefine thickener: aluminium-complex soap	lower operating temperature: -45 °C upper operating temperature: 120 °C consistency: NLGI grade 0-00 (DIN ISO 2137) viscosity at (40 °C): 160 mm²/s (base oil)	1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 475	**High-Performance Grease** DIN 51 502: KFHC2K-60		• For bearings with minimal bearing play and high speeds, at low and high temperatures and for bearings with low coasting torque • Good wear protection through PTFE • Lubrication of components made of glass fibre reinforced plastic • For fast-running bearings in the textile industry, in filling and packaging machines	 OKS 475: NSF H2 Reg. No. 137708	beige PTFE polyalphaolefine thickener: lithium hydroxystearate	lower operating temperature: -60 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): approx. 30 mm²/s (base oil) four-ball test rig welding load: 2,000 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 170 kg Drum

GREASES FOR LONG-TERM LUBRICATION UNDER CRITICAL OPERATION CONDITIONS

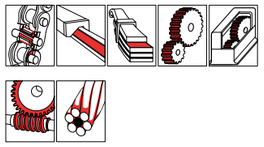
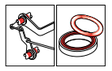
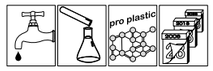
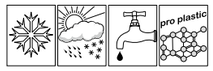
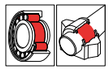
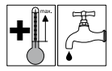
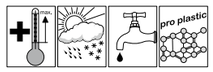
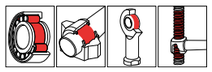
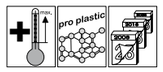
Greases

Greases

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 476	**Multipurpose Grease for Food Processing Technology** analogue to DIN 51 502: KP2K-30		• For rolling and friction bearings and other machine elements • Resistant to cold and hot water as well as disinfectants and cleaning agents • Resistance to oxidation • Reduces wear • Multipurpose grease for universal use in food processing technology	 OKS 476: NSF H1 Reg. No. 137619	white semi-synthetic oil thickener: aluminium-complex soap	lower operating temperature: -30 °C (≤ 1,400 hPa) upper operating temperature: 110 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 240 mm²/s (base oil) four-ball test rig welding load: 2,200 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 477	**Valve Grease for Food Processing Technology** DIN 51 502: MHC3N-10		• Sealing lubrication of adapted sliding surfaces • Lubrication of plastics and elastomers • Lubrication of slow-running bearings • Highly adhesive, seals well • Resistant to water and steam • Does not affect the quality properties of beer foam • Can also be used as sealing grease	 OKS 477: NSF H1 Reg. No. 135750 Tested for beer foam compatibility UBA guideline (D): test certificate HyCert-2-347253-21-Hy210	light brown polyalphaolefine thickener: silicate	lower operating temperature: -10 °C upper operating temperature: 140 °C consistency: NLGI grade 3 (DIN ISO 2137) viscosity at (40 °C): 1,600 mm²/s (base oil)	80 ml Tube 1 kg Can 5 kg Hobbock
OKS 478	**Plastic and Elastomer Grease** analogue to DIN 51 502: MHC3S-40		• Plastic and elastomer grease for plastic/plastic and plastic/metal combinations • Silicone-free • High shear stability • Excellent adhesion on plastics and metals	 OKS 478: NSF H1 Reg. No. 129960	beige polyalphaolefine thickener: inorganic	lower operating temperature: -40 °C upper operating temperature: 200 °C consistency: NLGI grade 3 (DIN ISO 2137) viscosity at (40 °C): > 1,700 mm²/s (base oil)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 479	**High-Temperature Grease for Food Processing Technology** analogue to DIN 51 502: KPHC1K-30		• Lubrication of rolling and friction bearings at increased operating temperatures • Good adhesive strength on metal surfaces • Resistant to hot and cold water, water vapour, watery-alkaline and acidic disinfectants and cleaning agents • Good resistance to oxidation and ageing • For all sections of the food processing, beverage and pharmaceutical industries	 OKS 479: NSF H1 Reg. No. 135675	beige polyalphaolefine thickener: aluminium-complex soap	lower operating temperature: -35 °C (≤ 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/6000), > 100h) consistency: NLGI grade 1 (DIN ISO 2137) viscosity at (40 °C): 360 mm²/s (base oil)	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 480 **OKS 481***	**Waterproof High-Pressure Grease for Food Processing Technology** analogue to DIN 51 502: KPHC2P-30		• For heavily loaded rolling and friction bearings in food processing technology • Excellent resistance to hot and cold water as well as disinfectants and cleaning agents • Excellent corrosion protection • High shear, temperature and oxidation stability	 OKS 480: NSF H1 Reg. No. 148971 OKS 481: NSF H1 Reg. No. 153878	beige polyalphaolefine thickener: calcium sulphonate complex soap	lower operating temperature: -30 °C upper operating temperature: 160 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 100 mm²/s (base oil) four-ball test rig welding load: 4,000 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 490	**Gear lubrication grease, sprayable** DIN 51 502: OG PF 0 S-30		• For gears with highest pressures and high circumferential speeds • Lubrication of guides and slide rails • Excellent pressure resistance through • EP additives and solid lubricants • Protection of the tooth flanks, also at long relubrication intervals		black graphite EP additives mineral oil thickener: aluminium soap	lower operating temperature: -30 °C (lubricating film) upper operating temperature: 220 °C (at relubrication) consistency: NLGI grade 0 (DIN ISO 2137) viscosity at (40 °C): 1,000 mm²/s (base oil) four-ball test rig welding load: approx. 6,500 N FZG wear protection test: power level > 12 (A2/76/50)	1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 491	**Open Gear Spray, dry**		• Dry lubrication of slowly-turning, open pinion gears, steel cables etc. subjected to high pressures, dust or corrosive influences, such as outdoor weathering • Prevents adhesion of dust and dirt		black bitumen graphite	lower operating temperature: -30 °C upper operating temperature: 100 °C	400 ml Spray

Greases

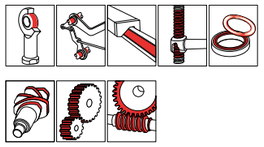
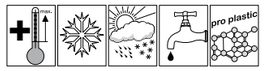
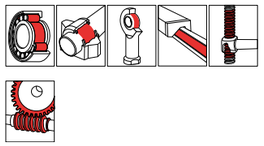
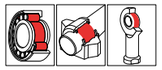
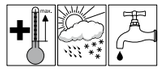
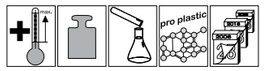
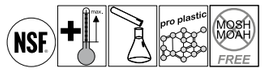
Greases

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 495	**Adhesive Lubricant** DIN 51 502: OGPF1S-30		• Priming of heavily loaded tooth flanks and sliding surfaces • Run-in lubrication to avoid damage • Excellent pressure resistance • Lubrication of jackscrews in the motor vehicle and train technology • Gear rack lubrication in conveying equipment		black graphite EP additives synthetic oil mineral oil thickener: aluminium-complex soap	lower operating temperature: -40 °C (functionality lubricating film) upper operating temperature: 200 °C (depending on relubrication) consistency: NLGI grade 1 (DIN ISO 2137) viscosity at (40 °C): 500 mm²/s (base oil) four-ball test rig welding load: 4,200 N FZG wear protection test: power level > 12 (A2/76/50)	1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 1110 **OKS 1111*** DIN 51 502: MSI3S-40	**Multi-Silicone Grease**		• For fittings, seals and plastic parts • Resistant to media • Excellent compatibility to plastic • No drying out or bleeding • Highly adhesive, tasteless and odourless • Silicone grease for a broad range of applications	 OKS 1110: NSF H1 Reg. No. 124381 Tested for beer foam compatibility UBA guideline (D): test certificate OFI-1085-0753 ACS-conformity to positive lists (F): test certificate 22 CLP LY 024	transparent polydimethylsiloxane thickener: inorganic	lower operating temperature: -40 °C upper operating temperature: 200 °C consistency: NLGI grade 3 (DIN ISO 2137) viscosity at (40 °C): 9,500 mm²/s (base oil)	10 ml Tube 80 ml Tube 400 ml Cartridge 4 g Tube 500 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum 400 ml Spray*
OKS 1112 DIN 51 502: MSI3S-30	**Silicone Grease for Vacuum Valves**		• For slide valves and valves • Excellent media resistance, e.g. to cold and hot water, acetone, ethanol, ethylene glycol, glycerin and methanol • Adheres and seals well • For use in vacuum plants and laboratory equipment		transparent polydimethylsiloxane thickener: inorganic	lower operating temperature: -30 °C upper operating temperature: 200 °C consistency: NLGI grade 3 (DIN ISO 2137) evaporation loss: < 3 percent in weight (24h, 200 °C)	500 g Can 5 kg Hobbock
OKS 1133 DIN 51 502: KSI2S-70	**Low-Temperature Silicone Grease**		• Lubrication of rolling and friction bearings, bowden cables and fittings • Neutral with regard to plastics and elastomers • Lubrication of motors, drives, control systems under arctic conditions		transparent polyphenylmethylsiloxane thickener: lithium hydroxystearate	lower operating temperature: -73 °C upper operating temperature: 200 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (25 °C): 100 mm²/s (base oil) four-ball test rig welding load: 1,200 N	500 g Can 5 kg Hobbock 25 kg Hobbock
OKS 1140	**Extreme-Temperature Silicone Grease**		• For slow-running machine elements at extremely high temperatures • Minimal evaporation losses • For bearings at kilns, hardening furnaces, bakery machines, drying tunnels, foundry machines, boiler firing systems, plastics processing machines or welding and soldering machines etc.		black polyphenylmethylsiloxane thickener: special carbon black	lower operating temperature: -20 °C (≤ 1,400 hPa) upper operating temperature: 290 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 100 mm²/s (base oil) four-ball test rig welding load: 2,100 N	500 g Can 5 kg Hobbock 25 kg Hobbock
OKS 1144 DIN 51 502: KSI2S-40	**Universal Silicone Grease**		• For bearings at changing temperatures and medium speeds • Good resistance to oxidation and ageing • Neutral with regard to plastics and elastomers • Lubrication of smaller bearings, e.g of turbo-superchargers, blowers, water pumps, washing machines and driers		beige polyphenylmethylsiloxane thickener: lithium hydroxystearate	lower operating temperature: -40 °C upper operating temperature: 200 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (25 °C): 125 mm²/s (base oil) four-ball test rig welding load: 1,100 N	500 g Can 5 kg Hobbock 25 kg Hobbock
OKS 1149 analogue to DIN 51 502: KFSI2-3R-50	**Silicone Grease with PTFE**		• Lubrication of plastic/plastic, plastic/metal, and elastomer/metal combinations at low to medium bearing loads and speeds • Use in a broad temperature range and good low temperature conditions • High oxidation stability • Excellent corrosion protection		white PTFE EP additives silicone oil thickener: lithium-complex soap	lower operating temperature: -50 °C (≤ 1,400 hPa) upper operating temperature: 180 °C consistency: NLGI grade 2-3 (DIN ISO 2137) viscosity at (25 °C): 200 mm²/s (base oil)	400 ml Cartridge 500 g Can 5 kg Hobbock 25 kg Hobbock

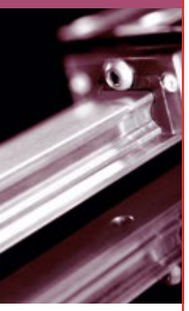
GREASES FOR LONG-TERM LUBRICATION UNDER CRITICAL OPERATION CONDITIONS

Greases

Greases

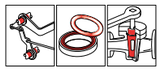
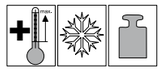
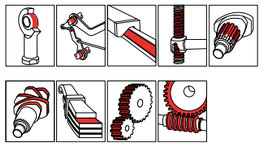
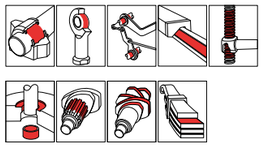
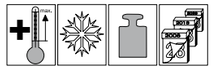
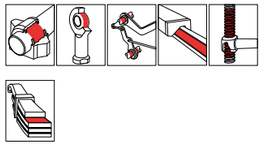
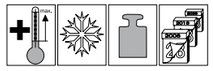
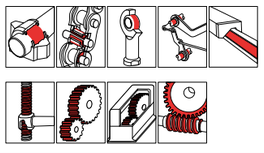
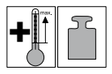
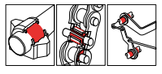
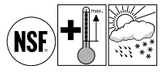
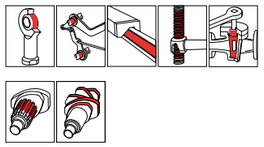
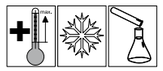
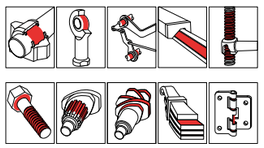
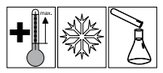
Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 1155	**Adherent Silicone Grease** DIN 51 502: MSI2R-60		• For sliding points between rubber and metals or plastics at low speeds • Excellent resistance to oxidation and ageing • Neutral with regard to plastics and elastomers • Highly adhesive. Seals well • For O-rings in pneumatic systems of brake systems		beige ester polyphenylmethylsiloxane thickener: lithium hydroxystearate	lower operating temperature: -65 °C upper operating temperature: 175 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (25 °C): 100 mm²/s (base oil)	500 g Can 5 kg Hobbock 25 kg Hobbock
OKS 4100	**MoS_2 Extreme Pressure Grease** DIN 51 502: KPF2K-20		• For slow-running rolling and friction bearings at very high, also shock-type loads • Good emergency running properties through MoS_2 sliding film • Excellent wear protection • Good water resistance, also during high quantities of water • Highly adhesive • For harsh operating conditions, e.g. in stone crushers		black graphite MoS_2 mineral oil thickener: lithium-calcium soap	lower operating temperature: -20 °C (< 1,400 hPa) upper operating temperature: 120 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 1,020 mm²/s (base oil) four-ball test rig welding load: > 4,000 N	400 ml Cartridge 5 kg Hobbock 25 kg Hobbock
OKS 4200	**Synthetic High-Temperature Bearing Grease with MoS_2** DIN 51 502: KHCF2R-10		• Long-term lubrication of rolling and friction bearings subjected to high temperatures • Extremely impact and pressure-resistant • Excellent wear protection • Functionally reliable across a wide temperature range • For fans, blowers, autoclaves, drying ovens, systems in metallurgical works and steelworks		black MoS_2 special mineral oil polyalphaolefine thickener: bentonite	lower operating temperature: -10 °C (< 1,400 hPa) upper operating temperature: 180 °C (F50 (A/1500/600), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 220 mm²/s (base oil) four-ball test rig welding load: 2,600 N	400 ml Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock 180 kg Drum
OKS 4210	**Extreme Temperature Grease** DIN 51 502: KFFK2U-40		• Long-term lubrication of rolling and friction bearings subjected to extremely high temperatures • Resistant to water, steam and chemicals • Excellent wear protection • Excellent plastic and elastomer compatibility • For bearings in burn-in and drying furnaces, boiler plants, roller and conveyor rollers in continuous furnaces		white PTFE perfluoropolyether (PFPE) thickener: PTFE	lower operating temperature: -40 °C (< 1,400 hPa) upper operating temperature: 280 °C (F50 (A/1500/6000), 100h) consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 390 mm²/s (base oil) four-ball test rig welding load: 9,000 N	800 g Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 4220	**Extreme-Temperature Bearing Grease** analogue to DIN 51 502: KFFK2U-40		• Long-term lubrication of rolling and friction bearings • Excellent temperature resistance • Excellent media resistance • Excellent plastic and elastomer compatibility • Excellent water, steam resistance • Excellent wear protection	 OKS 4220: NSF H1 Reg. No. 124380	white PTFE perfluoropolyether (PFPE) thickener: PTFE	lower operating temperature: -40 °C (< 1,400 hPa) upper operating temperature: 280 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 390 mm²/s (base oil) four-ball test rig welding load: > 10,000 N	40 ml Tube 500 g Can 800 g Cartridge 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 4240	**Special Grease for Ejector Pins** DIN 51 502: MFFK2U-20		• Long-term lubrication of rolling and friction bearings at extremely high temperatures and aggressive media • Resistant to plastics or elastomers • Excellent temperature resistance • For the lubrication of ejector pins in the plastics industry		white PTFE perfluoropolyether (PFPE) thickener: inorganic	lower operating temperature: -20 °C upper operating temperature: 300 °C consistency: NLGI grade 2 (DIN ISO 2137) viscosity at (40 °C): 440 mm²/s (base oil) four-ball test rig welding load: 4,800 N	250 g Dispenser 1 kg Can

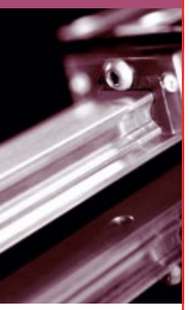
DRY LUBRICANTS – THE ALTERNATIVE FOR SPECIAL APPLICATION CASES



Dry lubricants

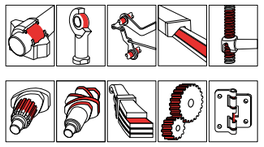
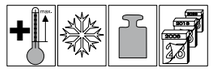
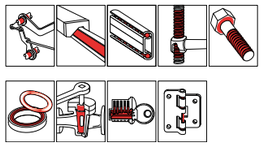
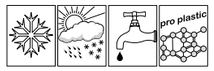
Dry lubricants

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 100	**MoS_2 Powder, high degree of purity**		• To improve the sliding properties of machine elements • Run-in lubricant in combination with oil or grease lubrication • Prevents friction and wear • Not electroconductive • For integration in plastics, seals and packings		grey-black MoS_2	lower operating temperature: -185 °C particle size: 16,0-30,0 µm / max. 190 µm (d 50 / max. d 99)	250 g Can 1 kg Can 5 kg Hobbock 25 kg Hobbock
OKS 110 **OKS 111***	**MoS_2 Powder, microsize**		• Run-in lubricant in combination with oils or greases • Not electroconductive • For pressing in bearings • Prevents friction and wear, even at high pressures • Good adhesion, even at extremely precision-machined surfaces		grey-black MoS_2	lower operating temperature: -185 °C particle size: 2,5-5,0 µm / max. 15 µm (d 50 / max. d 99)	1 kg Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 510 **OKS 511***	**MoS_2 Bonded Coating, fast-drying**		• Dry lubrication for temporary operation or long downtimes, industry environments and at low sliding speeds • Run-in lubricant in combination with oils or greases • Creates emergency-running properties • Dries at room temperature		grey-black MoS_2 graphite	lower operating temperature: -180 °C upper operating temperature: 450 °C press-fit test (µ): 0,07, no chatter	500 g Can 5 kg Hobbock 25 kg Hobbock 400 ml Spray*
OKS 521	**MoS_2 Bonded Coating, air-hardening, Spray**		• Air-hardening bonded coating on MoS_2-graphite basis • Dry lubrication of machine elements subject to high demands • Use in a broad temperature range at low to medium rotational speeds • Rapid curing at room temperature • Thin film layer		black graphite MoS_2	lower operating temperature: -180 °C upper operating temperature: 450 °C density (at 20 °C): 1.05 g/cm³	400 ml Spray
OKS 530	**MoS_2 Bonded Coating, water-based, air-drying**		• Lubrication of heavily loaded chains when oil and grease lubrication is no longer possible • Wear protection for increased service life • No adhesion of dust and dirt • Good adhesion to metal • Can be used under vacuum • Can be diluted with water in ratio of up to 1:1		black graphite MoS_2	lower operating temperature: -35 °C upper operating temperature: 450 °C press-fit test (µ): 0,10, no chatter thread friction coefficient (µ total): 0.05 (M10: 8.8/10 black-oxide)	1 kg Can 5 kg Canister 25 kg Canister
OKS 536	**Graphite Bonded Coating, water-based, air-drying**		• Lubrication of heavily loaded chains when oil and grease lubrication is no longer possible • Can be sprayed onto hot surfaces • Use in a broad temperature range • Dries at room temperature • Spent sliding film can be topped up • Can be diluted with water in ratio of up to 1:5	 OKS 536: NSF H2 Reg. No. 130416	black graphite	lower operating temperature: -35 °C upper operating temperature: 600 °C press-fit test (µ): 0,12, no chatter	5 kg Canister 25 kg Canister
OKS 570 **OKS 571***	**PTFE Bonded Coating**		• Dry lubrication of sliding surfaces of different materials at low pressures, low speeds and in dusty environments • Prevents tribocorrosion • Dries at room temperature • No-soiling sliding and parting film • Verifiable with UV indicator		whitish PTFE UV indicator	lower operating temperature: -180 °C upper operating temperature: 260 °C press-fit test (µ): 0,07, no chatter thread friction coefficient (µ total): 0.1 (M10: 8.8/10 black-oxide)	500 ml Can 5 l Hobbock 25 l Hobbock 400 ml Spray*
OKS 575	**PTFE Water Bonded Coating**		• For sliding surfaces made of different materials at low pressures, low speeds and in dusty environments • Avoids squeaking at differently hard materials • Dries at room temperature • Verifiable with UV indicator • Can be diluted with water		whitish PTFE UV indicator	lower operating temperature: -180 °C upper operating temperature: 250 °C	5 kg Canister



Dry lubricants

Dry lubricants

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 589	**MoS_2 PTFE Bonded Coating, thermosetting**		• Dry lubrication of sliding surfaces under heavy loads and low speeds • Prevents friction and wear • No adhesion of dust and dirt • Use in a broad temperature range		matt black PTFE graphite MoS_2	lower operating temperature: -70 °C upper operating temperature: 250 °C press-fit test (µ): 0,07, no chatter thread friction coefficient (µ total): 0.08 (M10: 8.8/10 black-oxide)	5 kg Hobbock 25 kg Hobbock
OKS 1300 **OKS 1301***	**Sliding Film, colourless**		• Thread coating • Sliding film for plastic, wood and metal • Dry sliding film fast to handling • Verifiable with UV indicator (OKS 1300) • Prevents seizing • For all screw materials • Broad range of uses, in particular for precoating small and mass-produced parts		colourless silicone wax UV indicator (OKS 1300)	lower operating temperature: -60 °C upper operating temperature: 100 °C thread friction coefficient (µ total): 0.08-0.1 (M10: 8.8/10 black-oxide)	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 1710	**Sliding Film for Screws, water-based concentrate**		• Thread coating, also for galvanic surfaces and VA screws, for controlled assembly • Dry sliding film fast to handling • Verifiable with UV indicator • Can be diluted with water in a ratio of up to 1:5 • Economic precoating		milky-white synthetic wax UV indicator	upper operating temperature: 60 °C thread friction coefficient (µ total): 0.08-0.14 (M10: 8.8/10 black-oxide)	5 l Canister 25 l Canister 200 l Drum
OKS 1750	**Sliding Film for Wood Screws, water based concentrate**		• Coating of threads with galvanised surfaces • Dry sliding film fast to handling • Verifiable with UV indicator • Can be diluted with water in a ratio of up to 1:5 • In particular for chipboard screws		yellowish synthetic wax UV indicator	upper operating temperature: 70 °C thread friction coefficient (µ total): 0.08-0.14 (M10: 8.8/10 black-oxide)	25 l Canister
OKS 1765	**Sliding Film for thread-forming Screws, water-based concentrate**		• Coating of thread-cutting screws made of high-alloy steels, galvanised and austenitic steels • Dry sliding film fast to handling • Prevents cold welding • Can be diluted with water in a ratio of up to 1:5		milky-white synthetic wax corrosion protection	upper operating temperature: 70 °C thread friction coefficient (µ total): 0.06-0.15 (M10: 8.8/10 black-oxide)	5 l Canister 25 l Canister

Corrosion protection

Corrosion protection

Product	Designation	Fields of Application	Purpose	Properties / Approvals	Main Components	Technical Data	Packaging
OKS 2100 **OKS 2101***	**Protective Film for Metals**		• Temporary wax-based corrosion protection film for storage and shipping of machine parts with bare metal surfaces • Suitable for all climatic zones • Non-tacky, transparent film • Easy to remove • Good compatibility with lubricants	NSF OKS 2100: NSF H2 Reg. No. 142256	light-coloured synthetic wax corrosion protection	lower operating temperature: -40 °C upper operating temperature: 70 °C salt spray test: > 1,000 h (layer thickness 50 µm) optimal layer thickness: 50 µm (DIN 50 982-2)	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 2200	**Water-based corrosion protection, VOC-free**		• Temporary corrosion protection for all bare metal surfaces under environmental influences such as humidity, moisture, salty atmosphere or industrial atmospheres • Environmentally friendly VOC-free product based on water • Can be removed easily with warm water and water-based cleaners, such as OKS 2650 • For use at storage and transportation of metal semi-finished products, spare parts, forms and machines		light-coloured synthetic wax corrosion protection	lower operating temperature: -40 °C upper operating temperature: 70 °C salt spray test: > 1,000 h (layer thickness > 30 µm) optimal layer thickness: > 30 µm	1 l Bottle 5 l Canister 25 l Canister
OKS 2300 **OKS 2301***	**Mould Protector, Fluid**		• Temporary corrosion protection film for bare metal surfaces • Green colouration for checking • Suitable for all climatic zones • Displaces water • Easy to remove • Good compatibility with lubricants • For use at storage and dispatch of machine parts		greenish synthetic wax corrosion protection	lower operating temperature: -40 °C upper operating temperature: 70 °C salt spray test: > 1,000 h (layer thickness 50 µm) optimal layer thickness: > 10 µm (DIN 50 982-2)	5 l Canister 25 l Canister 200 l Drum 400 ml Spray*
OKS 2511	**Zinc Coating, spray**		• Cathodic corrosion protection based on highly pure zinc powder for ferrous metals • For touching up galvanised surfaces • Also suitable as adhesive primer for coating systems • Fast-drying • For use in steel construction work in air conditioning technology		zinc grey zinc (98.5% pure)	upper operating temperature: 400 °C salt spray test: 700 h (layer thickness > 70 µm) optimal layer thickness: 60-80 µm (DIN 50 982-2)	400 ml Spray
OKS 2521	**Gloss Zinc, spray**		• Decorative corrosion protection based on zinc and aluminium powder for ferrous metals • For touching up hot-galvanised surfaces • Can be welded through • Abrasion resistant • Can be painted over • Fast-drying		aluminium-coloured purest zinc powder purest aluminium powder	upper operating temperature: 250 °C salt spray test: 240 h (layer thickness 80-100 µm) optimal layer thickness: 30-40 µm (DIN 50 982-2)	400 ml Spray
OKS 2531	**Alu-Metallic, Spray**		• Decorative corrosion protection based on aluminium powder for metals and other solid materials • For touching up hot-galvanised surfaces • Fast-drying • Abrasion resistant • Protects vehicle exhaust systems		aluminium-coloured	lower operating temperature: -20 °C upper operating temperature: 250 °C salt spray test: > 600 h (layer thickness approx. 50 µm)	400 ml Spray