

Bechem lubricants for high load and high temperature

Technical Data				Application
Product	Short description	Temp.- range	Properties	
BERUPLEX CS 2 EP	Universal lubricant on mineral oil and calcium-acetate complex thickener basis to lubricate and seal statically and dynamically high loaded bearings over a wide temperature range, for low to medium as well as for uniform and non uniform speeds.	-25 °C to + 140 °C	Excellent thermal stability, high wear and corrosion protection, excellent pump ability in central lubrication systems.	Universal lubricant to be used in central lubrication systems in the mining industry, e.g. conveyor system, in the steel industry, e.g. sintering plants, furnaces, oxygen and electrosteel plants, continuous casting machines, hot and cold rolling mills, belt equipment, construction machinery.
BERUTOX FH 28 KN	To lubricate roller and plain bearings and to reduce friction and wear even at high temperatures, loads, corrosive environments and for all speeds that tolerate grease lubrication.	-30 to +180°C (short term peak 200°C)	Excellent consistency temperature behaviour, does not form any hard residues, good corrosion protection, reliable wear protection.	Bearings subjected to extreme temperatures, i. e. bearings in annealing kilns and drying kilns, rotary kilns, conveyor systems, hot air fans, electric motors, exhaust gas fans for aggressive media, gate valves in equipment for bulk goods, ejector pins in plastic and die cast tools.
BERUTOX M 21 EPK	BERUTOX M 21 EPK is a speciality lubricant specifically designed for the lubrication of mechanisms exposed to corrosive environments, high temperatures and/or high load or shock load conditions.	-10°C to 160°C	Very good water resistance, good adhesion, water repellent, very high load carrying capacity, good oxidation stability.	Lubrication of heavily loaded roller and slide bearings exposed to high temperatures and/or moisture. Due to the excellent bordering capability it is especially applicable at lube points of autoclaves, calenders, gate valves and also in wet areas of the paper industry.
BERUTOX M 21 KN	To lubricate plain and roller bearings and, to prevent friction and wear on mechanisms exposed to high	-10 to +180 °C	Excellent consistency/ temperature properties, does not form any hard residues, high corrosion	Bearings exposed to severely high temperatures such as in annealing or drying furnaces, rotary kilns, cooling beds, conveyor systems, hot

	temperatures and corrosive environments. Suitable for all speeds that permit grease lubrication.		protection.	air fans, electric motors, waste gas fans for aggressive agents, gate valves in bulk material container systems, continuous caster roller bearings.
BERUTOX MBSA-H	Special lubricant for the lubrication and bordering of heavily loaded roller and slide bearings. It can be used for very large range of temperature, even with impact of aggressive water. BERUTOX MBSA-H is also suitable for central lubrication systems with pipelines which are exposed to thermal energy sources.	-10°C to +180°C	Copes with short term peak significantly higher than 200°C, excellent resistance against splash water, good protection against corrosion and abrasion.	Machines and equipment in metallurgical plants, e.g. strand casting, cooling beds, run-out ways, ceramic kilns, cement clinker cooler.
BERUTOX VPT 64	Lubrication of roller and plain bearings, to reduce friction and wear at high temperatures at speeds that tolerate grease lubrication even under the influence of vacuum, radiation, solvents and aggressive agents.	-20 to +260°C	High temperature grease for long-term lubrication. Extremely stable against thermal and chemical decomposition.	Lubrication of roller and plain bearings in electric motors, hot gas fans, calenders, circular conveying system, varnishing and annealing kilns, tyre molds, etc.
CERITOL PA 1 MO	To lubricate thermally stressed plain and roller bearings which are subjected to high mechanical load and require lubricants with emergency run properties.	-35°C to +200°C, (short term peak 240 °C)	Contains MoS ₂ , silicone oil free.	To lubricate plain and roller bearings such as in drying and annealing furnaces, asphalt mixers, rotary kilns, autoclaves, calandars, paper mills and textile machines, machinery for the processing of plastics.
CERITOL PSA 12 H	High temperature lubricant for the lubrication and bordering of industrial facilities. It reduces friction and abrasion even at high	-10°C to + 160°C	Free of toxic heavy metals, excellent resistance to water, very good anti-wear. No blockage in pipelines which are exposed to heats	CERITOL PSA 12 H is suitable for central lubrication systems to provide high temperature lube points. Also suitable to lubricate and border steering rolls of casting

	temperatures, protects against corrosion, especially with impact of aggressive water. Bearings are protected against destructive contamination.		up to +280°C.	implements for steel slab and billet production. Lubrication of asphalt blenders and plants, hot rolling facilities of the paper and carton industry, machines and facilities of the glass and ceramic industry.
HIGH LUB FA 40 MO	To lubricate roller and plain bearings and to reduce friction and wear at high loads, especially shock loads, over a wide temperature range. For all speeds that tolerate grease lubrication.	-20°C to +120 °C	Contains EP additives and solid lubricants, excellent wear protection, very good corrosion protection, water absorption will not affect consistency.	Roller and plain bearings in industry and construction, as well as cement industry. Main bearings of roller presses and vertical roller mills, bearings of slew rings, crushers, shaking screens, guide pads of large drive shaft joints.
HIGH LUB FA 50	To lubricate plain and roller bearings and to reduce friction and wear over a wide temperature range at high and/or shock loads. Suitable for all speeds that tolerate grease lubrication.	-20°C to +120 °C	EP additives, reliable corrosion protection, high wear protection, water absorption will not affect consistency, free from toxic heavy metals.	To lubricate plain and roller bearings such as used in the steel, building and cement industry, bearings in crushers, vibrating screens and presses, roller bearings in slewing track rings, guide pieces in large drive shafts.
HIGH LUB FA 50 MO	To lubricate roller and plain bearings and to reduce friction and wear at high loads, especially shock loads, over a wide temperature range. For all speeds that tolerate grease lubrication.	-20°C to +120 °C	Contains EP additives and solid lubricants, excellent wear protection, very good corrosion protection, water absorption will not affect consistency.	Roller and plain bearings in industry and construction. Main bearings of roller presses and vertical roller mills, bearings of slew rings, crushers, shaking screens, guide pads of large drive shaft joints.
HIGH LUB FA 67-400	To lubricate roller and plain bearings and to reduce friction and wear at high loads, especially shock loads, over a wide temperature range. For all speeds that tolerate grease lubrication.	-20°C to +130 °C	EP additives, reliable corrosion protection, high wear protection, absorbed water will not affect consistency.	To lubricate plain and roller bearings used in the steel industry – especially heavily loaded bearings in working rolls such as in hot rolling mills. To lubricate heavy mobile equipment in the construction and mining industry.