

SYSTEM REINER® The Original

Largest range, simplest application



LUBRICANTS.
TECHNOLOGY.
PEOPLE.



LUBRITECH

Special Application Lubricants

LUBRICANTS. TECHNOLOGY. PEOPLE.

FUCHS LUBRITECH – Special Application Lubricants

We focus consistently on high-quality lubricants and related specialties. We develop innovative and holistic solutions for a wide variety of applications. We value the high level of commitment of our employees and their trusting interaction with one another.



LUBRITECH

Special Application Lubricants

Facts and Figures

Company: FUCHS LUBRITECH GmbH, part of the FUCHS Group, based in Kaiserslautern, Germany

LUBRITECH: the Special Application Division of the FUCHS Group

Product range: LUBRITECH GROUP offers a full range of more than 1,000 special products, including food grade lubricants, adhesive lubricants, lubricating fluids and greases, pastes, solid film lubricants, concrete release agents, aerosols and metal-forming lubricants

Certifications: ISO 9001: 2008, ISO 21469, Halal, Kosher

FUCHS has developed, produced and sold lubricants and related specialties for more than 80 years – for virtually all applications and sectors. With over 100,000 customers and 50 companies worldwide, the FUCHS Group is the world's leading independent lubricant supplier.

Within the FUCHS Group, **FUCHS LUBRITECH** is the expert for Special Application Lubricants. A team of more than 500 specialists around the world work to meet your needs. However demanding the application, we offer a specialised solution. Service is a crucial and fundamental component of our offering. Our experts offer on-site technical consultation to assure performance, efficiency and process reliability.

FUCHS LUBRITECH special application lubricants stand for highest performance and sustainability, safety and reliability, and efficiency and cost savings. They represent a promise: **technology that pays back.**

A large yellow excavator is shown from a low angle, positioned on a steep, uneven mound of brown earth. The excavator's arm is extended upwards and to the right, reaching towards the top of the frame. The background is a clear blue sky with scattered white clouds. In the far distance, some power lines and a flat landscape are visible.

SYSTEM REINER® – THE ORIGINAL

The SYSTEM REINER® offers you a flexible and versatile system for safe and clean lubrication of your machinery.

The system consists of the new HD two-handed grease gun combined with a wide variety of lubricants and compatible SR-cartridges, which allow for simple and clean handling.



HD-two handed grease

For simple, clean and reliable lubrication of high-quality machines with long lubricating pipe runs, large quantities of lubricant and large volumes of lubricant per stroke.

The HD-two handed grease gun offers the following benefits:

- Ergonomical handles for optimum operation
- Cap to prevent contamination at the hose end
- Efficient emptying of the cartridge due to the special design
- Achievable pressure of 400 bar
- Twin-Lock system protects the piston from wear and avoids grease escaping the piston



The right lubricant specifically for your application

Expensive machines and demanding applications require the optimal grease in order to guarantee the highest level of functionality. FUCHS LUBRITECH offers the SYSTEM REINER, a wide range of high-performance greases for demanding applications, including agricultural equipment, construction equipment, pavers and hydraulic hammers.



Agricultural equipment

We manufacture and supply specialist lubricants for agricultural equipment including machinery such as combine harvesters, planters, fertiliser spreaders and much more. High dynamic loads as well as the direct influence of dust, water or dirt provide a particular challenge to the lubricants used.



Construction equipment

The term construction equipment includes a variety of equipment for processing or transportation of building materials, such as excavators, loaders, dozers, rollers, crushers, screening equipment, dump trucks, etc. The specific requirements that are placed on the lubricants used here include heavy operating conditions, such as high, partly alternating, dynamic loads, as well as the direct influence of water, dust and dirt.



Paving equipment

Road pavers make high demands on the lubricants used in the field of asphalt processing. In particular, the moving parts of the so-called vibrating or extending screed on the road paver are exposed not only to the weather, but also directly to the high temperature of the asphalt. The special lubricants that are used here must be able to withstand high loads, high temperatures and seal the bearing from the asphalt.



Hydraulic hammers

Particularly in hydraulic hammers there are extremely high demands on the material and also the lubricant, since the stresses in this application are exceptionally high. Dust and dirt entries also hamper lubrication of the bit and the guide. The lubricants used are specially formulated to protect the equipment under extreme vibration and the highest pressures.

Product Overview

Product Name	Description
LAGERMEISTER BF 2	LAGERMEISTER BF 2 is a long-life EP grease based on paraffinic mineral oil and can be used as an all-purpose grease for lubrication. LAGERMEISTER BF 2 is ideally suited for rolling and plain bearings lubrication in the construction equipment industry and for general engineering or the chemical industry.
LAGERMEISTER EP 2	LAGERMEISTER EP 2 is a natural-colored long-life EP grease based on mineral oil. LAGERMEISTER EP 2 is for rolling and friction bearings at high loads, temperature fluctuations and difficult environmental conditions, particularly in the construction equipment industry. Also suitable for general engineering, in the iron and steel industry and in the automotive industry.
LAGERMEISTER WHS 2002	LAGERMEISTER WHS 2002 is a mineral oil based, lithium soap, long-life EP grease with white solid lubricants. LAGERMEISTER WHS 2002 is recommended for the lubrication of rolling and sliding contacts under high loads (dust, water, vibration), e.g. to machinery conveyor systems, construction equipment and processing plants. In addition, the product for lubrication of plastic sliding plates can be used for telescopic cranes.
LAGERMEISTER 3000 PLUS	LAGERMEISTER 3000 PLUS is a semi-synthetic high performance grease, which is thickened with a specialist calcium soap. LAGERMEISTER 3000 PLUS is used for the lubrication of rolling and plain bearings under high loads in industrial, construction and agricultural equipment. The product is characterised by excellent water and salt water resistance and extremely good adhesion properties.
LAGERMEISTER XXL	LAGERMEISTER XXL is a specialist multi-purpose grease based on a special mineral oil and polyurea as consistency. LAGERMEISTER XXL is ideal for the lubrication of heavily loaded rolling and plain bearings used in industrial and construction equipment of all kinds, especially in severe operating conditions, high loads and elevated temperatures. The product allows for the overall number of lubricants to be reduced and re-lubrications intervals to be extended.
URETHYN MP 2	URETHYN MP 2 is a polyurea grease based on mineral oil. URETHYN MP 2 is used for the lubrication of rolling and plain bearings operating at high temperatures, for example, the long-term lubrication of roller bearings in electrical machines, ventilators camps, road pavers, pumps, blower and compressor bearings.
MEISSELPASTE	MEISSELPASTE is a special paste with a high content of solid lubricants, for the lubrication of socket tools and bushings of hydraulic and pneumatic hammers. Due to the advanced formulation, MEISSELPASTE can also be used under water and at high ambient temperatures. MEISSELPASTE must not be used as a bearing lubricant due to its high solids content.

Characteristics	Pictograms						
- Colour: Natural-yellow - Base Oil: Min - Thickener: Li - NLGI Grade: 2 - Viscosity at 40°C: 200 mm²/s - Temperature Range: -20 to +120°C /140 °C - Reference: KP2K-20							
	Roller Bearings	Plain Bearings	EP Properties	Construction Equipment	Agricultural Equipment		
- Colour: Natual - Base Oil: Min - Thickener: Li - NLGI Grade: 2 - Viscosity at 40°C: 200 mm²/s - Temperature Range: -20 to +130 °C/140 °C - Reference: KP2K-20							
	Roller Bearings	Plain Bearings	EP Properties	Construction Equipment	Agricultural Equipment		
- Colour: White - Base Oil: Min - Thickener: Li - NLGI Grade: 1 – 2 - Viscosity at 40°C: 320 mm²/s - Temperature Range: -20 to +120 °C / 140 °C - Reference: KPF1-2K-20							
	Roller Bearings	Plain Bearings	EP Properties	Plastic/ Steel Compatibility	Weather Resistant	Construction Equipment	Agricultural Equipment
- Colour: Greenish - Base Oil: Semi-Synthetic - Thickener: Ca - NLGI Grade: 2 - Viscosity at 40°C: 800 mm²/s - Temperature Range: -30 to +120 °C - Reference: KP2K-30							
	Roller Bearings	Plain Bearings	EP Properties	Construction Equipment	Weather Resistant	Agricultural Equipment	
- Colour: Yellow-Brown - Base Oil: Min - Thickener: PU - NLGI Grade: 2 - Viscosity at 40°C: 180 mm²/s - Temperature Range: -30 to +160 °C / 180 °C - Reference: KP2P-30							
	Roller Bearings	Plain Bearings	EP Properties	Construction Equipment	High Temperature	Agricultural Equipment	
- Colour: Yellow-Brown - Base Oil: Min - Thickener: PU - NLGI Grade: 2 - Viscosity at 40°C: 460 mm²/s - Temperature Range: -20 to +180 °C / 200 °C - Reference: KP2R-20							
	Roller Bearings	Plain Bearings	EP Properties	High Temperature	Agricultural Equipment		
- Colour: Copper - Base Oil: Min - Thickener: Al-K - NLGI Grade: 2 - Viscosity at 40°C: 320 mm²/s - Temperature Range: -20 to +1,100 °C							
	High Temperature	EP Properties	Wear Bushings	Weather Resistant			





Innovative lubricants need Experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then the best lubricant system can be selected. Experienced LUBRITECH engineers will be glad to advise on products for the application in question and also on our full range of lubricants.



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