

SYSTEM REINER – the versatile system for safe and clean lubrication of your machines



MOVING YOUR WORLD

FUCHS LUBRICANTS GERMANY

We do not just develop lubricants. We develop intelligent solutions for highly complex challenges.

To this end, we have pooled our expertise and experience from a wide range of application areas: FUCHS SCHMIERSTOFFE and FUCHS LUBRITECH became FUCHS LUBRICANTS GERMANY.

Our goal: to keep our customers' world in motion. Efficient, sustainable, reliable. Today and tomorrow.

What can we move for you?

FUCHS LUBRICANTS GERMANY

Facts and figures

Company: FUCHS LUBRICANTS GERMANY GmbH,
a company of the FUCHS Group

Locations: Based in Mannheim, with sites in
Bremen, Dohna, Hamburg, Kaiserslautern, Kiel and Wedel;
approx. 1,400 employees

Product range: A full range of more than 3,000 products
for all application areas

Certifications i. a.: ISO 9001, IATF 16949, ISO 14001,
ISO 45001, ISO 50001, ISO 21469, HALAL, KOSHER
(detailed certifications at www.fuchs.com/de/en)

CO₂ neutral production*

Since 1931, we have been pursuing the same goal: to keep the world moving. With innovative and technological lubricant solutions that have a sustainable impact on the future. Unconditional reliability is our top priority, it is the foundation of our company and basis for everything that defines us.

Reliability is both a driver and a demand. And it's a promise to all our customers in the fields of automotive suppliers and OEMs, mechanical engineering, metal processing, mining and exploration, aerospace, energy, construction and transport, agriculture and forestry, as well as the paper, steel, metal, cement, forging and food industries, but also qualified lubricant dealers, car dealerships and workshops.

Long-term experience, high development strength and the fulfillment of far-reaching standards are the basis for the special quality of our world-leading product brands. We deliver solutions that are simply more efficient and therefore more sustainable. We always think in holistic solutions. For the development of individual solutions, we enter into an intensive customer dialog with you. This is the way we live up to our claim of moving your world.

MOVING YOUR WORLD

*Partially also based on compensation



SYSTEM REINER – THE ORIGINAL



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 LUBRICANTS GERMANY 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.

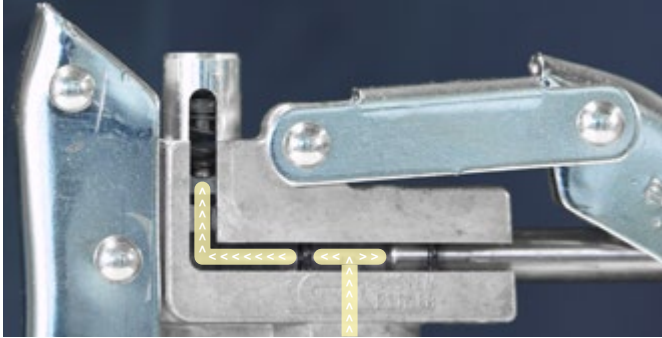


Hydraulic hammers

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.

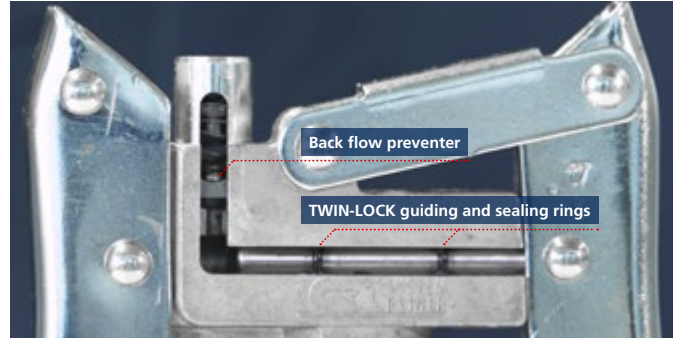
The TWIN-LOCK System of the HD two-handed grease gun

Cross section: Lever opened



The grease chamber of the TWIN-LOCK system is filled by means of vacuum when the press is pulled up.

Cross section: Lever closed



Forced conveying to lubrication point thanks to TWIN-LOCK sealing rings and the back flow preventer when the press is actuated.

Further advantages of the system



- lubricant level can be checked by the position of the grease follower
- complete emptying by special form of the grease follower



- maximum obtainable pressure: 400 bar
- lubrication quantity per stroke: approx. 1.5 cm³



- protective cap prevents contamination of the gripper coupling

Detailed information can be found in our application videos:

Unpacking and initial operation:



Handling and functionality:



Product overview of lubricating greases in SYSTEM REINER cartridges

Special lubricants for construction, industrial, agricultural and forestry machinery

- LAGERMEISTER 3000 PLUS
- LAGERMEISTER BF 1
- LAGERMEISTER BF 2
- LAGERMEISTER CX EP 2
- LAGERMEISTER EP 2
- LAGERMEISTER LP 2
- LAGERMEISTER LX EP 2
- LAGERMEISTER SL
- LAGERMEISTER SLG
- LAGERMEISTER TS
- LAGERMEISTER WHS 2002
- LAGERMEISTER XXL

Grease pastes for critical material combinations and extreme movement patterns

- GLEITMO 585 K
- GLEITMO 585 M
- GLEITMO 585 M-1
- GLEITMO 805
- GLEITMO 815
- GLEITMO WSP 5040

High load grease for extreme applications

- STABYL AX 2
- STABYL EHT 2
- STABYL HD
- STABYL L-TS MO
- STABYL MO 500

Eco-friendly lubricating greases for sensitive environments

- STABYL ECO EP 2
- STABYL ECO S 12
- STABYL ECO S 12-G

Chisel paste for insertion tools and hydraulic demolition tools

- MEISSELPASTE

Lubricating greases for high temperatures and loads

- URETHYN 160
- URETHYN E 2
- URETHYN E/M 2
- URETHYN MP 2
- EASYMESH HTS

Chemical resistant special lubricants for highest temperatures

- GLEITMO 591
- GLEITMO 591-1
- GLEITMO 593

Adhesive lubricant for open gears, slides and chains

- CEPLATTYN BL



Other grease guns for SYSTEM REINER cartridges



SINGLE-HANDED GREASE GUN

For easy, clean and accurate lubrication of high-quality machines.

- up to 150 bar pressure in one-hand operation



DFP 500/FLT PNEUMATIC GREASE GUN

The professional pneumatic grease gun is the ideal solution to lubricate all kinds of machinery, commercial vehicles and construction machinery. It is supplied with reinforced rubber hose and 4-jawed professional nozzle.

- practical single-hand operation
- controlled grease feed using a single outlet
- input pressure: 2-6 bar (max. pressure peak: 10 bar)
- delivery rate: approx. 1 cm³/stroke
- connecting thread: M10x1



PORTABLE ELECTRIC GREASE GUN 18 V S-LSP

The accumulator grease gun generates a substantial delivery rate through the reduction gear and an eccentric. This makes it possible to pump greases with NLGI grades 000 to 2 (according to DIN 51818) up to an operating pressure of approx. 400 bar. Screw in the SR cartridge, ready. Considerable relubrication quantities can be applied easily and without effort. The spare battery is also available separately.

- operation pressure: 400 bar (overpressure valve limited)
- delivery rate approx. 100 g/min
- 18V Li-Ion battery, 4000 mAh
- charging time: approx. 1 h
- spare battery sold separately



CLS FILLING DEVICE

The CLS filling device is used for the simple filling of central lubrication systems with the "System Reiner" cartridge. The SR cartridge is screwed into the mouthpiece. The lever transmission of the draw-off mechanism enables easy and effort-saving operation. The coupling plug, which is available for central lubrication systems (e.g. BEKA Max), ensures a secure connection to the mouthpiece of the CLS filling device.

- coupling plug (M20x1,5)





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 FUCHS 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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