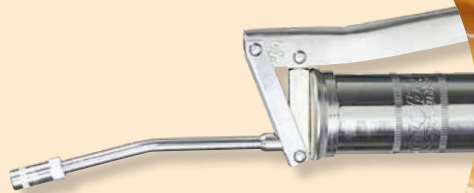


# Lubrication Equipment & Industrial Lubricants Catalog



“  
Almost anyone can think  
up an idea. The thing  
that counts is developing  
it into a practical product.

Henry Ford

”



**Walter Wagner**  
President of  
Wagner Spezialschmierstoffe  
GmbH & Co. KG  
Engineer

For over 125 years the automotive industry has been evolving and as it has evolved it has adapted to meet new regulations, technologies and lifestyles. As an offset of this evolution the automotive industry continues to be one of the most innovative industries in the world and constantly generates new technology.

Today's machines and engines are the perfect example of the latest technologies and engineering. However, as they become more and more efficient and powerful, they have to work under increasingly tighter machining tolerances, higher temperatures and higher pressures. Such conditions put an extreme amount of stress on lubricants.

In fact, the increasingly extreme working conditions in machines and engines create more wear than standard lubricants can effectively protect against. As temperatures, pressures, loads and working tolerances push past old boundaries, the old standard approach to lubricants is no longer the most effective approach to proper lubrication.

As a result of new lubrication needs, I, Walter Wagner, dedicated years of research and my own technical expertise to develop high-tech pastes and greases. Proudly, I now present the Wagner Grease Solution Line that meets and exceeds current requirements and reduces wear to the technically possible minimum.

As a mechanical engineer, I fully understand the operational demands that vehicles, heavy trucks and industrial plants have to withstand.

For this reason my goal has always been to create a way to minimize wear and thus lower maintenance costs while increasing the efficiency of the machines to the maximum practical level. I have been following this vision for over 25 years, focusing on the perfect means for vehicle and machine optimization through the best possible lubrication.

The hard work, dedication and countless hours of research and development have yielded the high-performance greases and pastes in this brochure. They are proven to provide longer machine and vehicle service times all while improving the performance through extreme friction and wear reduction.

In this brochure, I would like to give you an overview over my practicable products and, at the same time, introduce you to the future of greasing.

Our goal is to help our customers to enhance their business competitiveness by

- making their process more energy efficient
- extending the life of their plant assets
- reducing the total cost of accusation for the plant and machinery
- reducing carbon footprints to the environment
- introducing the latest technology to reduce environmental pollution

Yours sincerely

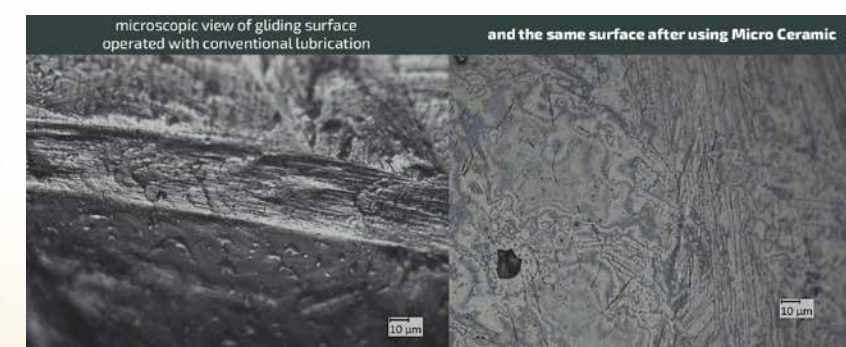
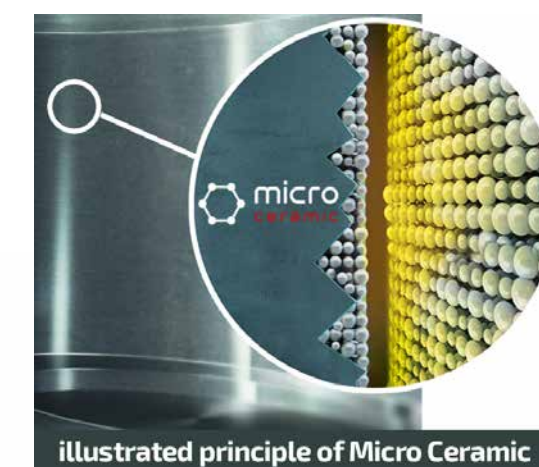
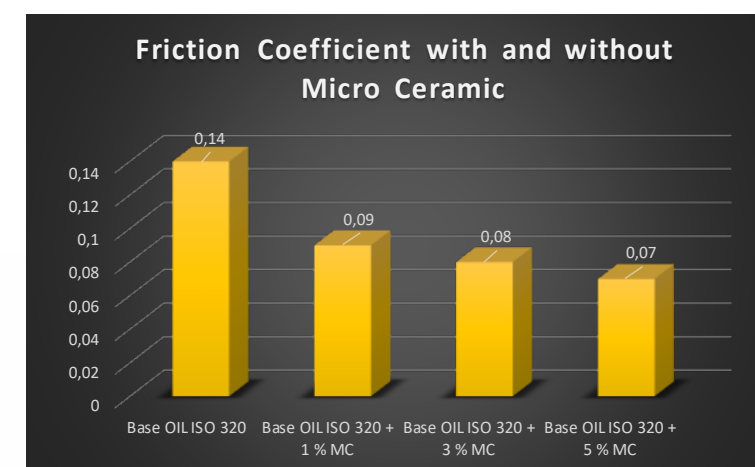
*Walter Wagner*

## Ceramic - Innovation in Greasing

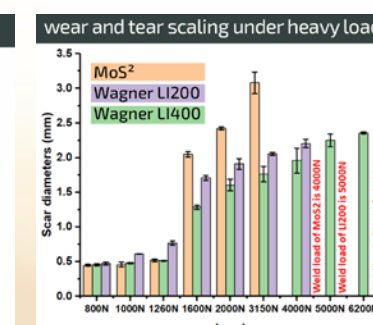
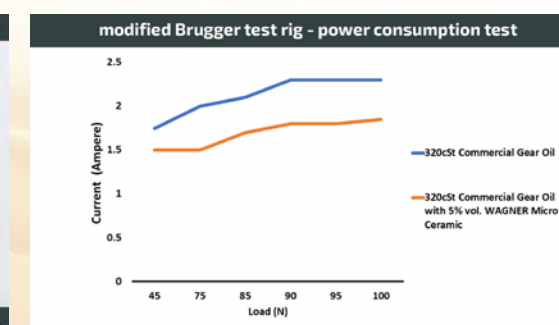
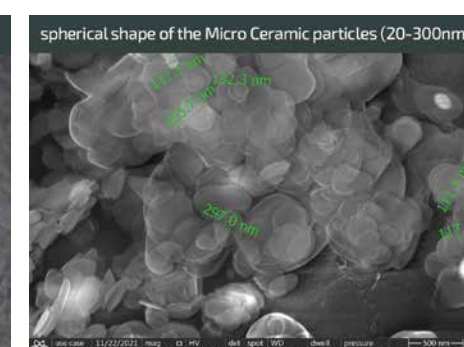
Wagner Ceramic Greases contain billions of nano-sized ceramic spheres that greatly enhance the lubrication capacity of standard greases. The microscopic sized ceramic spheres adhere to the metals porous surface, smoothening the normally rough surface and acting as nano ball bearings, reducing friction and allowing the smoothed metal surfaces to freely glide over one another.

Under extreme pressure the ceramic spheres get crushed and baked, creating a film bonded to the metal surfaces. This highly durable ceramic film effectively protects the metal by withstanding even extreme pressures. The resulting ceramic-on-ceramic gliding not only reduces wear and friction but also the operating noise, inducing smoother and more efficient function.

### Micro Ceramic - visualized test results:



and the same surface after using Micro Ceramic



These are some of the impressive results from laboratory and real life industrial tests. Summarized, WAGNER Micro Ceramic significantly reduces wear and friction - with the benefit of a longer lifespan of mechanical components, reduced power consumption and thus lowered operating costs. Wagner's revolutionary Micro Ceramic is the best possible investment to keep your machines up and running for longer than you ever thought.

Alpha Paste

**Assembly and Multipurpose Paste containing MOS2 for lubrication at extreme load with a particularly low friction coefficient.**

The Wagner Alpha Paste can be used for assembly and running-in of metallic components. The solid MOS2 protects against wear, running-in defects, guarantees good anti frictional properties and reduces the risk of a stick-slip-effect.

Application

Suitable for the press-fit production of all types of machine elements. It can be used:

- » as a running-in lubricant in new machines and gears,
- » as a permanent lubrication of machine elements which are submitted to slight or intermittent movement only
- » for drilling, sawing and thread cutting

Advantages:

- » good anticorrosive properties, exceptional lubricating and separating properties
- » prevents seizure and rust
- » very high-pressure ability
- » reduces risk of tribo corrosion
- » resistant to water
- » offers emergency running property



Technical Data:

Temp. Range:	-35 °C to +450 °C
Color:	Grey
Base-Oil:	Mineral
Solids:	MoS2
Coefficient of Friction (collar):	0.05

Container	Content	Item No.
Metal Can	500 g	950500
Plastic Pail	1 kg	950001
Bucket	5 kg	950005
Bucket	18 kg	950018

ALPHA BA 2 C

**Metal free Graphite Paste for high temperatures and high pressure application**

The Wagner Alpha BA 2 C paste is an extremely pure, solid lubricant paste for bolted joints that are subjected to high temperatures up to 1400 °C. It contains no metal, such as lead, nickel, sulphur, chlorine or fluorine. It enables non-destructive loosening of bolted joints even after long use at high temperatures.

Application

Suitable for screws, nuts and bolts that are subjected to extremely high temperatures (up to 1400 °C) and which are made of heat-resistant or extremely heat resistant steels, e.g. those made from nickel-based alloys.

Advantages:

- » compatible with high temperatures
- » excellent load-carrying capacity and seize protection
- » sulphur content of less than 250 ppm, with a total halogen content (including chlorine) of less than 200 ppm
- » low seepage, so it can be used in places wherein cleanliness is required
- » does not include components that become brittle at high temperatures



Technical Data:

Temp. Range:	-50 °C to +1400 °C
Color:	Black
Base-Oil:	Synthetic
Solids:	Graphite
Coefficient of Friction (collar):	0.1

Container	Content	Item No.
Metal Can	500 g	951500
Plastic Pail	1 kg	951001
Bucket	5 kg	951005
Bucket	18 kg	951018

ALPHA BA 2 CC

**Metal free Graphite Paste for high temperature and high pressure application.**

The Wagner Alpha BA 2 CC paste is a solid lubricant paste for bolted metal joints that are subjected to high temperatures up to 700 °C. It contains no metal, such as lead or nickel. The solid lubricant graphite protects against wear and running-in defects. The coefficient of friction is unchanged in the area of oiled bolts, even after several bolt re-tightening and loosening processes.

Application

Suitable for the press-fit production of all types of machine elements. It can be used as a running-in lubricant in new machines and gears, as well as a permanent lubrication of machine elements which are submitted to slight or intermittent movement only for drilling, sawing and thread cutting.

Advantages:

- » can be used over a wide range of temperature (-40 °C /-40 °F to +700 °C /+1202 °F)
- » excellent load-carrying capacity and seize protection
- » sulphur content of less than 250 ppm, with a total halogen content (including chlorine) of less than 200 ppm
- » low seepage, so it can be used in places wherein cleanliness is required
- » does not include components that become brittle at high temperatures



Technical Data:

Temp. Range:	-40 °C to +700 °C
Color:	Black
Base-Oil:	Synthetic
Solids:	Graphite
Coefficient of Friction (collar):	0.07

Container	Content	Item No.
Metal Can	500 g	952500
Plastic Pail	1 kg	952001
Bucket	5 kg	952005
Bucket	18 kg	952018

Atlas LM 1 CK

**High Temperature Paste with metal compound for metal/metal lubrications subjected to high temperatures.**

The Wagner Atlas LM 1 CK paste is a solid lubricant paste containing metal powder (mostly copper) that ensures favorable friction values and a high separating effect on frictional contacts that are free from lead or nickel.

Application

Recommended for stud bolts of gas and steam turbines, stud bolts of turbochargers of diesel engines, flanged connections in chemical and petrochemical plants.

Advantages:

- » can be used over a wide temperature range (-30 °C /-22 °F to +1100 °C /+2012 °F)
- » due to stated coefficient of friction, defined pre-stressing forces for bolted joints can be achieved
- » enables non-destructive dismantling, even after long use at high temperatures
- » high load-carrying capacity
- » good corrosion protection
- » good electrical conductivity



Technical Data:

Temp. Range:	-30 °C to +1100 °C
Color:	Copper
Base-Oil:	Synthetic
Solids:	mostly Copper
Coefficient of Friction (collar):	0.1

Container	Content	Item No.
Metal Can	500 g	953500
Plastic Pail	1 kg	953001
Bucket	5 kg	953005
Bucket	18 kg	953018

Centaury LM 1 Z

**Anti-fretting Paste with solid lubricants for assembly and long-term lubrication of metallic components.**

The Wagner Centaury LM 1 Z paste provides a “clean” lubrication for sliding surfaces and friction contacts exposed to heavy loads at low to medium speeds. The paste forms a pressure-resistant solid film which prevents sticking and fretting corrosion.

Application

Recommended for friction contacts of electrical and domestic appliances, packaging and office machinery, precision instruments, as well as in textile and plastics processing machinery. Also suitable for screw connections, assembly of press fits and sealing connections.

Advantages:

- » superior load carrying capability and wear resistance
- » good water-resistance and water-washed resistance
- » prevents stick-slip and seizure
- » good corrosion protection
- » white color contributes to a sense of cleanliness

Technical Data:

Temp. Range:	-30 °C to +180 °C
Color:	White
Base-Oil:	Mineral & PAO
Solids:	Ceramic
Coefficient of Friction (collar):	0.1

Container	Content	Item No.
Metal Can	500 g	954500
Plastic Pail	1 kg	954001
Bucket	5 kg	954005
Bucket	18 kg	954018



Polaris SS 2 CM

**High-Temperature MOS2 Paste based on silicone fluid with solid lubricants.**

The Wagner Polaris SS 2 CM is a high temperature paste for sliding surfaces and high-pressure application. The silicone base oil allows low temperature application down to -70 °C .

Application

The paste is recommended for wide temperature application

- » screw connections, e.g. at turbines, exhaust pipes, tooth wheels, valves, chains, slide paths and shafts
- » screw and bolt connections in aggressive environments, e.g. acid vapours or alkaline solutions
- » valves and seals where aggressive media act on the lubrication point
- » sliding and contact surfaces at lowest to highest temperatures
- » screws, valves, nuts, springs, hinges, locks at extremely high temperatures in the oil and gas industry

Advantages:

- » resistant to oxidation, moisture and corrosive atmospheres
- » good shear stability
- » low evaporation rates
- » good low-temperature properties
- » resistant to ageing and high temperature

Technical Data:

Temp. Range:	-70 °C to 230 °C
Temp. Range Solid Lubricants:	+ 450 °C
Color:	Black
Base-Oil:	Silicone Oil
Solids:	MoS2
Coefficient of Friction (collar):	0.06

Container	Content	Item No.
Metal Can	500 g	955500
Plastic Pail	1 kg	955001
Bucket	5 kg	955005
Bucket	18 kg	955018



Centaury BG 2 Z

**Special Paste for the lubrication of screw connections and sliding surfaces at highest temperatures.**

WAGNER CENTAURY BG 2 Z contains a fully synthetic base oil which separates from the ceramic solids at highest temperatures and evaporates nearly without residues, resulting in a dry lubrication. The Micro-Ceramic solids in the paste ensure continuous lubrication and pressure resistance. The paste can be used at maximum temperatures of up to 1400 °C.

Application

WAGNER CENTAURY BG 2 Z can be used for brakes and callipers, screw connections in exhaust systems, assembly of almost all screw connections and sealing surfaces.

Advantages:

- » prevents seizure and rust
- » protects against rust and tribo corrosion
- » persistent to chemicals and solvents
- » water resistant
- » seals against corrosive gases and fluids

Technical Data:

Temp. Range:	-30 °C to +1400 °C
Color:	white
Base-Oil:	PG
Solids:	ceramic
Coefficient of Friction (collar):	

Container	Content	Item No.
Metal Can	500 g	956500
Plastic Pail	1 kg	956001
Bucket	5 kg	956005
Bucket	18 kg	956018



Centaury MC 50 M

**Highly specialized Micro Ceramic additive designed for use by grease and oil blending facilities.**

Recommended to use as direct replacement for Graphite, MoS2 and PTFE solids. Compatible with most common additives such as sulphurous and organophosphorus compounds, corrosion inhibitors, thixotropic Ca-Petroleum sulfonates, Anti-Wear (AW)/ Extreme pressure (EP) additives and friction modifiers

Application

- » industrial greases
- » industrial oils for gears, open gears and heavy-duty oils
- » cold rolling oils (mineral and synthetic oils)
- » metal working fluids (mineral and synthetic neat cutting oils)

Advantages:

- » enhanced extreme pressure (EP), Anti-Wear (AW) and Anti-Friction properties
- » lowest wear scar and highest weld load properties
- » superior colloidal stability
- » no particle accumulation
- » does not negatively impact drop point temperatures

Technical Data:

Temp. Range:	-30 °C to 450 °C
Color:	white
Base-Oil:	SN150
Solids:	ceramic < 4µm

Container	Content	Item No.
Bucket	23 kg	957023



PROXIMA AL M 430-00

Heavy Duty Fluid Grease

The Wagner PROXIMA AL M 430-00 is a premium fluid grease formulated with a high viscosity mineral oil and an aluminum complex thickener. It is fortified with extreme pressure, anti-oxidation, anti-wear and anti-corrosion additives. Recommended for closed gears, rolling and friction bearings with minimal gear backlash, low and high speeds and extreme outside temperature conditions as well as low starting torques.

Technical Data:

Basic Viscosity:	430 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +160 °C
Temp. Short Term:	up to 180°C
Drop Point:	
DIN 51502	
GP00P-30	
NLGI 00	



Container	Content	Item No.
Plastic Pail	1 kg	963001
Bucket	5 kg	963005
Bucket	18 kg	963018
Barrel	180 kg	963180

ALKES AL M 440-2

Premium Extreme Pressure High Temperature Grease intended for a wide variety of applications

The Wagner ALKES AL M 440-2 is based on a high quality mineral oil combined with an aluminum complex thickener. It provides excellent high temperature performance with good adesion, structural stability and resistance to water.

Technical Data:

Basic Viscosity:	440 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-20 °C to +160 °C
Temp. Short Term:	up to 200 °C
Drop Point:	~ 250 °C
DIN 51502	
KP2P-20	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS962400
Plastic Pail	1 kg	962001
Bucket	5 kg	962005
Bucket	18 kg	962018
Barrel	180 kg	962180

MEROPE LI 460-2 MoS2

Friction-Reducing High-Pressure Grease with MoS2 for heavy-duty lubrication points

The Wagner MEROPE LI 460-2 high pressure grease with its Lithium Thickener protects against friction and wear and keeps its smooth structure even in unfavourable working conditions. The MoS2 smoothes surfaces and improves pressure load, providing an extra protection against friction and wear.

Technical Data:

Basic Viscosity:	460 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +140 °C
Temp. Short Term:	up to 130 °C
Drop Point:	~ 200 °C
DIN 51502	
KPF2N-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS961400
Plastic Pail	1 kg	961001
Bucket	5 kg	961005
Bucket	18 kg	961018
Barrel	180 kg	961180

LI200 EP Grease

High Pressure Long-Life Grease

High-quality, water-resistant, high-pressure grease containing Micro-Ceramic to reduce friction during lubrication. Provides excellent lubrication even under wet working conditions.

Technical Data:

Basic Viscosity:	220 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 150 °C
Drop Point:	~ 190 °C
DIN 51502	
KP 2 K-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400g	LS032400
Plastic Pail	1 kg	032001
Bucket	5 kg	032005
Bucket	18 kg	032018
Barrel	180 kg	032180

LI400 EP Grease

Highest Pressure Long-Life Grease

High-quality, water-resistant, high-pressure grease containing Micro-Ceramic to reduce friction during lubrication. Provides excellent lubrication even under wet working conditions.

Technical Data:

Basic Viscosity:	460 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 130 °C
Drop Point:	~ 190 °C
DIN 51502	
KPK-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS031400
Plastic Pail	1 kg	031001
Bucket	5 kg	031005
Bucket	18 kg	031018
Barrel	180 kg	031180

LL700 HL HTEP Grease

High-Temperature and High-Pressure Grease

Friction-reducing high-temperature grease based on a very temperature-stable aluminum complex thickener and optimized by ultra-modern Micro-Ceramic glide compounds.

Technical Data:

Basic Viscosity:	230 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-20 °C to +180 °C
Temp. Short Term:	up to 200 °C
Drop Point:	~ 250 °C
DIN 51502	
KPF 2 P-20	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS033400
Plastic Pail	1 kg	033001
Bucket	5 kg	033005
Bucket	18 kg	033018
Barrel	180 kg	033180



# WAGNER High Performance Grease

## G2 Multi Purpose Grease

### Lithium Base Multi-Purpose Grease for roller and friction bearings

Provides great lubrication for roller and friction bearings. Suitable for use in cars, construction and agricultural machines. Provides excellent lubrication even under wet or dry/dusty working conditions.

Technical Data:

Basic Viscosity:	100 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 130 °C
Drop Point:	~ 185 °C
DIN 51502	
K 2 K-20	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS150400
Plastic Pail	1 kg	150001
Bucket	5 kg	150005
Bucket	18 kg	150018
Barrel	180 kg	150180

## G200 Multi Purpose Grease

### Extreme Performance Multi-Purpose Grease

Provides great lubrication for roller and friction bearings. Lithium based, thickened with chemically active extreme pressure additives, that continually protect the bearings from extreme pressure, load shocks, and vibrations.

Technical Data:

Basic Viscosity:	190 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +130 °C
Temp. Short Term:	up to 150 °C
Drop Point:	~ 190 °C
DIN 51502	
KP 2 K-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS156400
Plastic Pail	1 kg	156001
Bucket	5 kg	156005
Bucket	18 kg	156018
Barrel	180 kg	156180

## MoS2 Multi Purpose Grease

### Extreme Pressure Grease

Extreme pressure grease with Molybdenum disulphid for lubricating points exposed to high pressure loads. Provides durable lubrication for roller and friction bearings even under extreme pressures and temperatures.

Technical Data:

Basic Viscosity:	155 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 150 °C
Drop Point:	~ 190 °C
DIN 51502	
KPF 2 K-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS152400
Plastic Pail	1 kg	152001
Bucket	5 kg	152005
Bucket	18 kg	152018
Barrel	180 kg	152180

# WAGNER High Performance Grease

## LL500 Super Tacky and Water Resistant Grease

### Super Tacky and Water Resistant Grease

High-quality, water resistant, high-pressure grease for the long-term lubrication of rolling and plain bearings under extreme loads.

Technical Data:

Basic Viscosity:	1000 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 130 °C
Drop Point:	~ 185 °C
DIN 51502	
KPK-30	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS153400
Plastic Pail	1 kg	153001
Bucket	5 kg	153005
Bucket	18 kg	153018
Barrel	180 kg	153180

## KH100 Anti Corrosion and Adhesive Grease

### Calcium Base Anti Corrosion and Adhesive Grease

Designed to provide the highest performance under the most stressful situations. KH 100 is characterised by its outstanding protection from corrosion, its water resistance as well as its excellent adhesion.

Technical Data:

Basic Viscosity:	800 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-30 °C to +120 °C
Temp. Short Term:	up to 200 °C
Drop Point:	~ 180 °C
DIN 51502	
KP2 R-20	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	LS034400
Plastic Pail	1 kg	034001
Bucket	5 kg	034005
Bucket	18 kg	034018
Barrel	180 kg	034180

## Sirius Li PA 46 2 MC

### Fully Synthetic High Performace Grease

Based on a special low viscosity synthetic base fluid, it is absolutely preferred for high-speed plain and roller bearings. Contains anti-corrosion additives that provide additional rust protection in case of water- or damp-penetrated lubrication point and also a special wear reducing component.

Technical Data:

Basic Viscosity:	46 mm <sup>2</sup> /s (40 °C)
Temperature Range:	-60 °C to +140 °C
Temp. Short Term:	up to 200 °C
Drop Point:	~ 260 °C
DN Value:	1.000.000
DIN 51502	
KPFHC2N-60	
NLGI 2	



Container	Content	Item No.
Cartridge	400 g	964400
Plastic Pail	1 kg	964001
Bucket	5 kg	964005



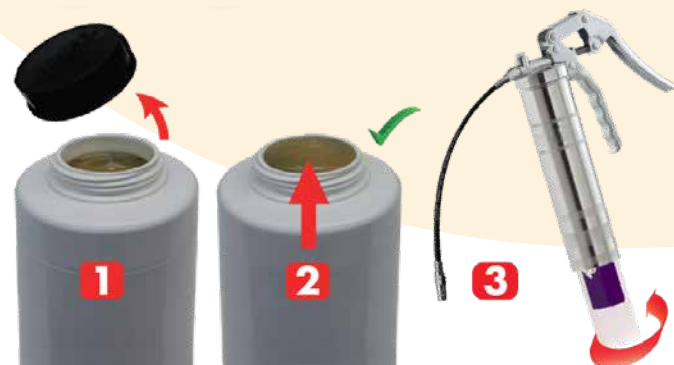
## RETHINK GREASING

Lube-Shuttle® is the easy way to grease. Lube-Shuttle® Grease Guns and Greases use a new and unique thread-in cartridge that eliminates all the headaches of greasing.

- No need to take apart the grease gun
- Type and quantity of grease can be seen at a glance
- No wasted grease from air gaps or filling complications
- Reusable and recyclable cartridges
- No air release necessary!
- NO MESS

## GETTING STARTED IS AS EASY AS 1, 2, 3!

1. Unscrew the cap
2. Push up on the bottom follower plate until grease is just coming out of the cartridge
3. Scew the grease cartridge into the gun



## IMPROVES GREASING EFFICIENCY

### ELIMINATES WASTED GREASE

### NO MORE MESSING AROUND

### NO MORE AIR GAPS

### SAVES LABOUR COSTS

Lube-Shuttle® uses

**99%**

of the grease  
in the tube

Over

**80%**

of the grease cost  
is labor.

It takes up to

**10x**

longer to change a  
standard tube versus  
a Lube-Shuttle®  
cartridge

**0**

**MESS**  
No leaks, no air gaps,  
no waste!

**Lube-Shuttle®**  
The future of the greasing  
industry



Lube-Shuttle® System Grease-Guns

Lube-Shuttle® System TG Pistol Grip One-Hand Gun

One-hand grease-gun with galvanized steel barrel for Lube-Shuttle® system cartridges, ergonomically designed pistol grip, packed in display-carton.

Pressure capability of approx. 300 bar (4.350 psi)  
For details on the features and advantages of the Lube-Shuttle® grease-gun system see above

without accessories

Lube Shuttle® TG without accessories, thread M10x1  
Lube Shuttle® TG without accessories, thread R1/8"

Lube Shuttle® TG with rigid tube

Lube Shuttle® TG with rigid tube, thread M10x1  
Lube Shuttle® TG with rigid tube, thread R1/8"

with 300 mm high pressure nylon hose PH-30C  
multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm, with 4-jaw hydraulic coupler

Lube Shuttle® TG with hose PH-30C, thread M10x1  
Lube Shuttle® TG with hose PH-30C, thread R1/8"

with 300 mm safety rubber hose RH-30C  
steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, with 4-jaw hydraulic coupler

Lube Shuttle® TG with hose RH-30C, thread M10x1  
Lube Shuttle® TG with hose RH-30C, thread R1/8"

Lube-Shuttle® System Side Lever Grease Gun

Side lever grease gun for Lube-Shuttle® cartridges with galvanized steel pump-unit, high quality zinc plated steel barrel and ergonomic hand grip. Packed in environmental-friendly display carton. Working pressure more than 400 bar (5.800 psi), maximum pressure capability approx. 800 bar (11.600 psi), TÜV, DLG, BLT approved. Advantages:

- tool free cartridge opening with screw-cap, re-usable
- fast and clean loading and unloading without opening gun
- type and quantity of grease visible at a glance
- complete use of all grease in cartridge
- environmental-friendly
- refillable using Lube-Shuttle® filler pumps with refill adaptor (part no. 3115050)
- no air venting necessary!

without accessories

Lube-Shuttle® without accessories thread M10x1  
Lube-Shuttle® without accessories thread R1/8"

with rigid tube and 4-jaw hydraulic coupler

Lube-Shuttle® with rigid tube E4024, thread M10x1  
Lube Shuttle® with rigid tube E4024, thread R1/8"

with 300 mm high pressure nylon hose PH-30C  
multiple braid, burst pressure 1.000 bar (14.450 psi), Ø-9mm, with 4-jaw hydraulic coupler

Lube-Shuttle® with hose PH-30C, thread M10x1  
Lube Shuttle® with hose PH-30C, thread 1/8"

with 300 mm safety rubber hose RH-30C  
steel wire braided, burst pressure 1.650 bar (23.900 psi), Ø-13mm, with 4-jaw hydraulic coupler

Lube Shuttle® with hose RH-30C, thread M10x1  
Lube Shuttle® with hose RH-30C, thread 1/8"



Item No:

30 060 20  
30 050 30

30 160 50  
30 150 60

30 360 10  
30 350 20

30 260 80  
30 250 90



Item No:

30 020 60  
30 010 70

30 120 90  
30 110 00

30 320 50  
30 310 60

30 220 20  
30 210 30



Lube-Shuttle® Air Operated Grease Applicators

Lube-Shuttle® Air Operated Grease Gun DF-LS

One-hand air operated grease gun for Lube-Shuttle® cartridges

designed for grease up to NLGI class 3, single shot system, output approx. 1 ccm per stroke, pressure ratio 1:60, max. pressure 480 bar (6.950 psi), air pressure 3 to 8 bar  
Lube-Shuttle® DF-LS with rigid tube E4024, M10x1

Lube-Shuttle® DF-LS with rigid tube E4024, R1/8"

Lube-Shuttle® DF-LS with hose RH-30C, M10x1

Lube-Shuttle® DF-LS with hose RH-30C, R1/8"

Item No:

30 371 16  
30 371 09  
30 373 14  
30 373 07

Lube-Shuttle® Grease Spray Unit LubeJet-eco

This air operated grease spray unit enables the spraying of grease directly from the Lube-Shuttle® system-cartridge

without the need for propellants or chemical additives, such as solvents. Spraying grease onto chains, wire ropes, open gears, slideways, telescopic booms etc. offers enormous potential for cost savings. Eliminates wasteful consumption of grease in surface coating, offers wide range of applications.

Item No:

Lube-Shuttle® grease spray unit LubeJet-eco

33 780 80

Spray Lances Set for Lube-Shuttle® LubeJet-eco

Spray lances set for LubeJet-eco with safety quick-coupler

incl. three straight spraying lances 500/750 and 1200 mm and one bent lance 170/55 mm. Lances are made of stainless steel (1.4301), Ø 8mm

Item No:

Spray lances Set for Lube-Shuttle® LubeJet-eco

33 782 95

Lube-Shuttle® Dispenser Lube-Shot 400

Designed to apply grease to all open surfaces, such as uncaged roller bearings

The dispenser will replace traditional, messy methods of application with open cartridges and brushes. The use of this dispenser will permit clean and uncontaminated greasing of open bearings. Lube-Shot 400 with nozzle, screw cap and an adaptor nozzle for the Lube-Shuttle® system-cartridge.

Item No:

Lube-Shuttle® dispenser Lube-Shot 400

30 001 10

Nozzle-Set Lube-Shot 400

Nozzle with closure cap

for the Lube-Shuttle® system cartridge

Item No:

Nozzle-Set Lube-Shot 400

30 009 05

Lube-Shuttle® Cartridges Empty

Empty Lube-Shuttle® cartridges

follower plate inserted and screw cap separated



Item No:

Lube-Shuttle® cartridges, empty

31 198 05

Customized printing on empty cartridges available upon request

Lube-Shuttle® Cartridge Screw Caps

24 screw caps, packed in poly bag

replacements, or for sealing cartridges after filling

Item No:

Lube-Shuttle® cartridge screw caps

31 100 00



# SafeLOCK Safety Coupler

## Hydraulic Safety-Coupler safeLOCK

### Hydraulic safety-coupler safeLOCK

- with hardened 4-jaws made of tool steel
- with high-performance hydraulic-gasket
- with integrated linear-swivel
- uncoupling at more than 600 bar is possible
- no spurt/mess when uncoupling
- outer diameter according to DIN

Hydraulic safety-coupler safeLOCK M10x1  
Hydraulic safety-coupler safeLOCK R1/8"

Hydraulic safety-coupler safeLOCK M10x1  
Hydraulic safety-coupler safeLOCK R1/8"



Item No.

32 455 04  
32 456 03



32 455 11  
32 456 10

safeLOCK



## Hydraulic Safety-Coupler safeLOCK-L

### safeLOCK-L for grease fittings with difficult access

DIN 1283, for grease fittings DIN 71412, with machined and hardened jaws for optimal sealing and long lifetime, hexagon 15 mm

Hydraulic Safety-Coupler safeLOCK-L M10x1  
Hydraulic Safety-Coupler safeLOCK-L R1/8"



Item No.

32 457 02  
32 458 01

## 4-Jaw Hydraulic Coupler

### Heavy duty quality coupler

technical data as above, but with a shaft lenght of 81 mm

4-jaw hydraulic coupler, M10 x 1  
4-jaw hydraulic coupler, R1/8"



Item No.

32 438 07  
32 438 21

4-jaw hydraulic coupler, M10 x 1  
4-jaw hydraulic coupler, R1/8"



32 438 14  
32 438 38

4-jaw hydraulic coupler, M10 x 1  
4-jaw hydraulic coupler, R1/8"



32 438 45  
32 438 52

## 4-Jaw Hydraulic Coupler

### with backlash valve

High quality hydraulic coupler, DIN 1283, for use with grease fittings DIN 71412. Machined and hardened jaws for optimum leak proof operation, hexagon 15mm. Integral backlash valve permits high pressure performance, even with soft greases and oils of lower viscosity.

4-jaw hydraulic coupler with backlash valve, M10x1  
4-jaw hydraulic coupler with backlash valve, R1/8"

Item No.

32 440 02  
32 440 40



# Grease Gun Filler Pumps and Accessories

## Grease Gun Filler Pump ecoFILL-standard

### Grease transfer pump

includes a standard pail/drum lid (three radial thumb screws) and a follower plate.  
Economic & clean filling of grease guns.  
Suitable for grease NLGI 000 - 2

ecoFILL 5-s for 5 kg pails, inner-Ø 165 - 200 mm  
ecoFILL 10-s for 10 kg pails, inner-Ø 215 - 230 mm  
ecoFILL 15-s for 15 kg pails, inner-Ø 255 - 282 mm  
ecoFILL 18-s for 18/20 kg pails, inner-Ø 265 - 285 mm\*  
ecoFILL 20-s for 18/20 kg pails, inner-Ø 285 - 305 mm  
ecoFILL 25-s for 25 kg pails, inner-Ø 300 - 335 mm  
ecoFILL 50-s for 50 kg pails, inner-Ø 355 - 387 mm  
ecoFILL200-s for 200 kg drums, inner-Ø 550 - 590 mm

Item No.

33 805 02  
33 810 04  
33 815 16  
33 818 06  
33 818 13  
33 825 06  
33 850 02  
33 854 08



## Lube-Shuttle® Refill-Adaptor Set

### Lube-Shuttle® cartridge refill adaptor

For use with manual grease pail pump (i.e. MATO ecoFILL). Simple, economic and clean refilling of empty cartridges.

Refill-Adaptor set Lube-Shuttle®

Item No.

31 150 50



## Fixing Clip for Grease Guns

### Fixing clip for grease guns

and other devices with a Ø 56mm tube.  
Suitable for universal attachment to the workplace.

Fixing Clip for Grease Guns

Item No.

32 460 75

## Fixing Clip for Grease Guns with Magnetic Bracket

### Fixing clip for grease guns with magnetic bracket (permanent magnet)

for grease guns and other devices with a Ø 56mm tube.

Fixing Clip for Grease Guns with magnetic bracket

Item No.

32 460 44



# High Pressure Hoses for Grease Guns

## High Pressure Nylon Hoses

<b>Multiple braid, high pressure nylon hose Ø 9 mm</b> burst pressure 1.000 bar (14.450 psi), hexagonal end fittings for safe connection to grease gun burst pressure 1.000 bar	Item No.
PH-30 300 mm thread M10 x 1 DIN 1283	32 530 04
PH-30 300 mm thread R1/8"	32 530 11
PH-50 500 mm thread M10 x1 DIN 1283	32 550 08
PH-50 500 mm thread R1/8"	32 550 15

## High Pressure Nylon Hoses

<b>with 4-jaw hydraulic coupler</b> (Nylon hose as seen above, but includes 4-jaw hyralic coupler)	Item No.
PH-30C 300 mm thread M10 x 1 DIN 1283	32 540 01
PH-30C 300 mm thread R1/8"	32 540 18
PH-50C 500 mm thread M10 x 1 DIN 1283	32 552 06
PH-50C 500 mm thread R1/8"	32 552 13

## High Pressure Rubber Hoses

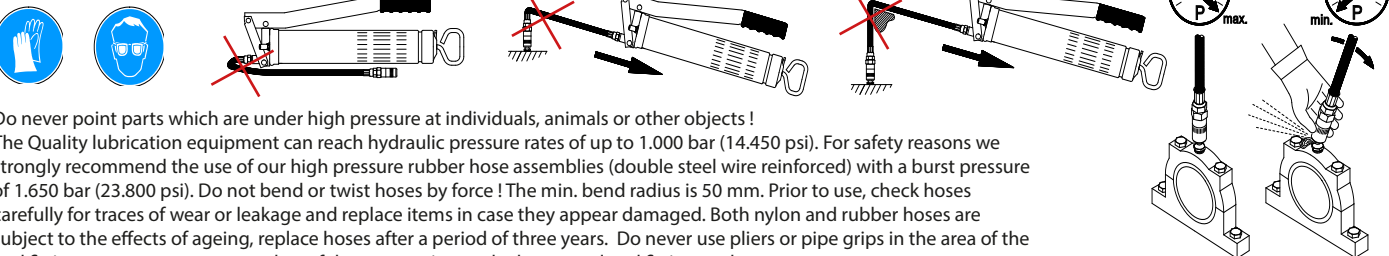
<b>High Pressure safety rubber hose Ø 13 mm</b> burst pressure 1.650 bar (23.900 psi), steel wire reinforced, hexagonal end fittings for safe connection to grease gun	Item No.
RH-30 300 mm thread M10 x 1 DIN 1283	32 560 05
RH-30 300 mm thread R1/8"	32 560 12
RH-50 500 mm thread M10 x 1 DIN 1283	32 570 02
RH-50 500 mm thread R1/8"	32 570 19
RH-100 1 m thread M10 x 1 DIN 1283	32 588 70
RH-100 1 m thread R1/8"	32 589 00

## High Pressure Rubber Hoses

<b>with 4-jaw hydraulic coupler</b> high pressure rubber hose Ø 13 mm as seen above, but includes 4-jaw hydralic coupler	Item No.
RH-30C 300 mm thread M10 x 1 DIN 1283	32 562 03
RH-30C 300 mm thread R1/8"	32 562 10
RH-50C 500 mm thread M10 x 1 DIN 1283	32 580 09
RH-50C 500 mm thread R1/8"	32 580 16
RH-100C 1 m thread M10 x 1 DIN 1283	32 590 20
RH-100C 1 m thread R1/8"	32 590 44

## High Pressure Rubber Hoses 300 mm

<b>with hook-on coupler for button head fittings</b>	Item No.
RH-30 SK16 300 mm with hook-on coupler, SK-16 M10x1	32 566 78
RH-30 SK16 300 mm with hook-on coupler, SK-16 R1/8"	32 566 92
<b>with snap-on coupler and 4-jaw hydr. coupler</b>	
RH-30C with 4-jaw hydraulic coupler	32 540 49



Do never point parts which are under high pressure at individuals, animals or other objects !  
The Quality lubrication equipment can reach hydraulic pressure rates of up to 1.000 bar (14.450 psi). For safety reasons we strongly recommend the use of our high pressure rubber hose assemblies (double steel wire reinforced) with a burst pressure of 1.650 bar (23.800 psi). Do not bend or twist hoses by force ! The min. bend radius is 50 mm. Prior to use, check hoses carefully for traces of wear or leakage and replace items in case they appear damaged. Both nylon and rubber hoses are subject to the effects of ageing, replace hoses after a period of three years. Do never use pliers or pipe grips in the area of the end fitting, use spanners or wrenches of the correct size on the hexagonal end fittings only.  
General advice: Use original accessories to avoid unnecessary risks or injuries !

# Delivery Tubes and Injectors

## Delivery Tubes with Snap-on Coupling

<b>For safe connection of a grease applicator</b> to the hydraulic safety-coupler safeLOCK or to a 4-jaw hydraulic connector by grease connector and sliding connect	Item No.
Delivery tube with snap-on coupling F12 with conical connector	32 405 30
Delivery tube with snap-on coupling F14 with universal connector	32 405 54
Delivery tube with snap-on coupling F17 with hook-on connector SK 10	32 405 61
Delivery tube with snap-on coupling F15 with hook-on connector SK 16	32 405 78
Delivery tube with snap-on coupling F16 with hook-on connector SK 22	32 405 85
Delivery tube with snap-on coupling for driveshafts, tube Ø 8 mm	32 405 92

## Lube Injector

<b>for coupling to 4-jaw hydraulic connector</b> For injection of oil or grease e.g. into bearings or oil seals Lube Injector-S with grease fitting Lube Injector-D with snap-on coupling	Item No.
	32 408 20
	32 408 44

## E4014 Angled Delivery Tube 150 mm

<b>with universal connector</b>	Item No.
Delivery tube with universal connector, thread M10 x 1	32 404 48
Delivery tube with universal connector, thread R1/8"	32 404 24

## E4012 Angled Delivery Tube 150 mm

<b>with conical connector</b>	Item No.
Delivery tube with conical connector, thread M10 x 1	32 403 49
Delivery tube with conical connector, thread R1/8"	32 403 25

## E4024 Angled Delivery Tube 150 mm

<b>with 4-jaw hydraulic connector</b>	Item No.
Delivery tube with 4-jaw hydraulic connector, thread M10 x 1	32 402 02
Delivery tube with 4-jaw hydraulic connector, thread R1/8"	32 402 19

## Angled Delivery Tube 150 mm

<b>with non-return valve and 4-jaw hydraulic connector</b> Item prevents leakage of oil and grease with low viscosity Delivery tube with 4-jaw hydraulic connector, thread M10x1 Delivery tube with 4-jaw hydraulic connector, thread R1/8"	32 402 64
	32 402 71

## Straight Delivery Tube 150 mm

<b>with 4-jaw hydraulic connector</b>	
Delivery tube with 4-jaw hydraulic connector, thread M10 x 1	32 406 46
Delivery tube with 4-jaw hydraulic connector, thread R1/8"	32 406 53





Printing errors, mistakes and amendments  
reserved. (as of 07/2022)

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