

Safer process.  
Safer profit.



# rhenus lubricating greases

Constant performance under all conditions

## General information

- 6 Introduction
- 8 Quality and innovation
- 10 Examples: Products and applications

## Product data tables

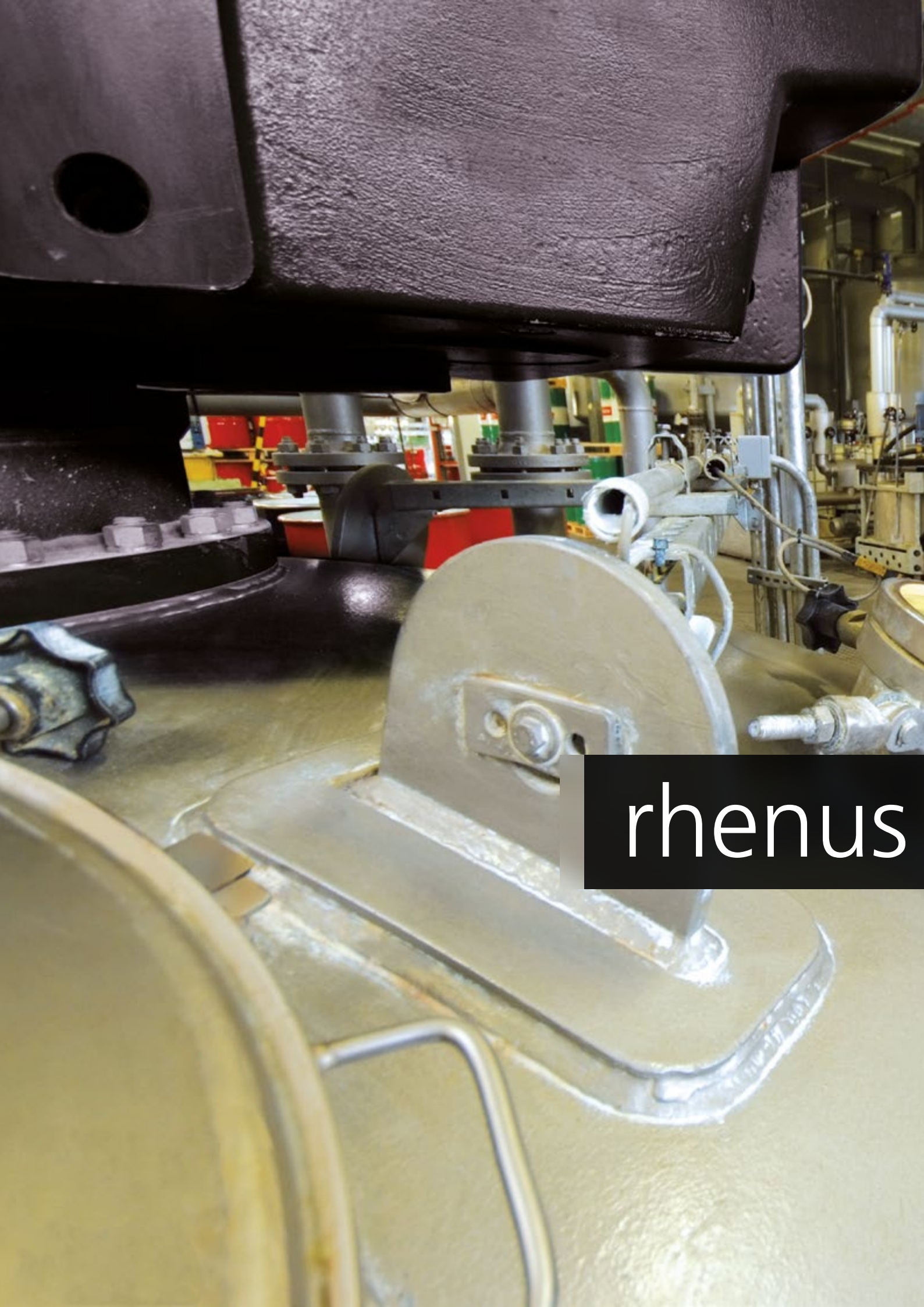
- 16 Calcium saponified lubricating greases
  - Sodium saponified lubricating greases
  - Lithium saponified lubricating greases
- 18 Lithium/ calcium lubricating greases
  - Lithium complex lubricating greases
  - Aluminium complex lubricating greases
- 20 Bentonite lubricating greases
  - Easily biodegradable lubricating greases
  - Lubricating greases for the food, pharmaceutical and feed industry with NSF-H1 certification

## 22 Pastes

Special high-temperature lubricating greases

Polyurea greases





rhenus



# lubricating greases

General information

# Tailored to your requirements

Extreme temperature changes and stress, drought, cold, moisture and dust. On the other hand, the highest standards of purity: Our high-performance greases reliably lubricate rolling and slide bearings of all sizes and under all conditions.



Greases from Rhenus Lub are used in various fields and sectors, they are oxidation-resistant, non-ageing and have approvals, permits and certifications from various international companies.

### **Rhenus Lub – Development partner of the industry**

In addition to standard products, provided high-performance greases for special requirements. In close consultation with you, exactly the greases you need for your application are developed in our laboratory. Using the latest testing methods, we investigate the suitability at different temperatures, the protective properties against wear, friction behaviour and other parameters in order to guarantee a long service life.

### **Eco – logical!**



Rhenus Lub demonstrates responsibility for the environment. In our labs, lubricating greases are developed which are biodegradable. Especially in applications concerned with sustainable environmental protection, rhenus greases demonstrate their specific advantages. rhenus lubricating greases which are completely broken down in the soil or waters are

thus used in the construction industry, open-cast mining, tunnel construction and in rail transport.



# The best recipe: Quality

One of the most modern grease factories in Europe is in Mönchengladbach-Rheindahlen – the headquarters of Rhenus Lub. This is where the high-performing greases which are required by companies worldwide are produced. In our laboratories, we are constantly researching new formulations which improve both performance and the efficiency of grease lubrication. Accurately tailored to your application.



Many developments in high-performance greases are "made by Rhenus Lub", created in close cooperation with renowned bearing manufacturers. Be it lubricating greases for exceptionally quiet running of rolling bearings or For-Life lubricating greases – the specific requirements of our customers are the guidelines. With this in mind, we have become a strategic development partner of the automotive industry (OEM) and many other industrial sectors.

### **For-Life lubricating greases from Rhenus Lub: Long life inclusive**

The highest demands on strength and endurance are placed on gears, rolling bearings and joints. For this reason, rhenus lubricating greases are used as building blocks of construction early on and ensure that machine components bring lifetime performance in closed systems – without continuous re-lubrication.

#### **Advantages at a glance:**

- Constant quality at a high level, also under extreme temperatures and stress conditions
- Approvals of international companies
- Approvals for the food, pharmaceutical and cosmetics industry
- Environmentally compatible, partially biodegradable
- Oxidation-resistant
- Long lifetime
- Water-resistant

# Examples: Products and applications

Be it in the pharmaceutical or food industry, in mining or railways, in wet or dry areas, in the freezing cold or scorching heat – rhenus greases prove themselves in real production conditions.



## **Lubricating greases for the food, pharmaceutical and cosmetics industry**

Safety of persons has top priority at Rhenus Lub. This is particularly applicable in the development and manufacturing of lubricants and greases for the food, pharmaceutical and cosmetics industry. Here, only those raw materials which are physiologically harmless and perfectly suitable for food are used.

Safety first! rhenus lubricants comply with international and religious regulations and requirements:

- Deutsches LMBG (German Foodstuffs and Commodities Act)
- FDA (Food and Drug Administration), H1-Certificate/NSF (National Sanitation Foundation)
- Halal
- Kosher

## **Special greases for extreme temperatures**

With our specially developed low-temperature, synthetic-based grease, fast rotating bearings can be lubricated to -60°C without any problems. Perfluoropolyether greases are excellently suited to high temperature applications up to +300°C.

## **High performance grease for heavily stressed rolling and slide bearings**

Our lithium EP grease rhenus LKR 2 is specially designed for use in heavy duty electric motors or for reliable lubrication of wheel bearings for rail vehicles, commercial vehicles or ventilators in the cement industry.

A long shelf-life is guaranteed by its temperature resistance and very good shear stability. The grease remains at practically the same consistency and does not run out from the bearings. Excellent operational performance is achieved by the bearings without any visible wear or measurable changes.



## **Greases for applications in the steel industry**

rhenus lubricants are used successfully in various equipment areas of a steel mill. In the continuous casting plant, ACN 15 GR, rhenus protects the lubrication points from corrosive process water and abrasive dust. The layer of grease also leads to a reduction in friction and wear even under high pressure.

In contrast, chemically active water emulsions instead of water at the cold rolling mill, and the bearings run at higher speeds. In addition to the tri-bological requirements on the lubricating grease, rhenus LCC2 protects the bearings from the penetration of rolling mill emulsions by forming a stable grease collar.

In the cold pilger rolling mill, rhenus CJN 2 adheres extremely well to lubrication points such as crankshaft bearings and peripherals, and thus protects the bearings which are permanently flooded by chemically active rolling emulsion.

## **Ideal for high mechanical loads in mining and open-cast mining**

In mining and mineral extraction, special devices such as shovels, crushing and screening equipment, shredders, grinders and conveyors are used under extreme stress. Dust, shocks and vibrations afflict the machine.

rhenus high performing greases lubricate roller and slide bearings even under the most adverse circumstances, since they have both very high pressure resistance and also good mechanical stability. Thanks to its special additives, the semi-synthetic EP-grease, rhenus LKX 2, for example, has a weld strength to withstand extremely high pressures. With its synergetic solid grease combinations, rhenus LKX 2 is also designed to withstand impact and shock-like movements, and ensures smooth running of the machine.



rhodus

# lubricating greases

Product data tables

# Standard values

Product	Thickener	NL GI class	Base oil type/ Viscosity [40 °C]	Application temperature		Identification according to DIN 51502	Water resistance according to DIN 51807	Corrosion protection**	Central lubrication system	Rolling bearings
				Con- tinuous operation	Short period					

## Calcium saponified lubricating greases

<b>rhenus CGN 2</b>	Spec. Ca	2	Min./14 mm²/s	-50 to +100 °C	+110 °C	K 2 G-50	0-90	Good	X	X
<b>rhenus CAZ 2</b>	Spec. Ca	2	Min. and synth./ 800 mm²/s	-30 to +110 °C	+120 °C	KPF 2 G-30	0-90	Very good		(X)
<b>rhenus CYN 15</b>	Spec. Ca	1-2	Min./32 mm²/s	-50 to +100 °C	+120 °C	K 1 G-50	0-90	Good	X	X

## Sodium saponified lubricating greases

<b>rhenus NAN 02*</b>	Na	00/000	Min./130 mm²/s	-30 to +100 °C	+110 °C	GP 00/000 H-30	3-90	Good	X	
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## Lithium saponified lubricating greases

<b>rhenus LMN 2</b>	Li	2	Min./110 mm²/s	-25 to +120 °C	+130 °C	K 2 K-20	1-90	Good	X	X
<b>rhenus LZN 2*</b>	Li	2	Min./190 mm²/s	-30 to +130 °C	+140 °C	KP 2 K-30	1-90	Good	X	X
<b>rhenus LEC 2</b>	Li	2	Min./195 mm²/s	-30 to +140 °C	+150 °C	KP 2 N-30	1-90	Very good	X	X
<b>rhenus LQN 2</b>	Li	2	Min. and synth./ 800 mm²/s	-30 to +140 °C	+150 °C	KP 2 N-30	1-90	Good	(X)	X
<b>rhenus LBG 2</b>	Li	2	Min./120 mm²/s	-30 to +130 °C	+140 °C	KPF 2 K-30	1-90	Good		(X)
<b>rhenus LAH 2</b>	Li	2	Min./195 mm²/s	-30 to +130 °C	+140 °C	KPF 2 K-30	1-90	Good		(X)
<b>rhenus LIN 0*</b>	Li	0	Min./90 mm²/s	-40 to +120 °C	+130 °C	GP 0 K-40	1-90	Good	X	
<b>rhenus LJU 02 GR</b>	Li	00/000	Min./45 mm²/s	-50 to +120 °C		GP 00/000 K-50	1-90	Good	X	
<b>rhenus LBN 2</b>	Li	2	Min./110 mm²/s	-30 to +130 °C	+150 °C	KP 2 K-30	1-90	Good	X	X
<b>rhenus LAN 3</b>	Li	3	Min./80 mm²/s	-30 to +130 °C	+150 °C	KP 3 K-30	1-90	Good	X	X

Suitable for

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Slide bearings	Open gears, guides	Closed gears	High stresses	Speed parameter (standard value) in mm x min <sup>-1</sup> up to	Application instructions
X				800,000	Supple, low-temperature grease with very little starting resistance, also suitable for low-stress, high-speed bearings. Use in cold stores and refrigeration equipment.
X	X		X	300,000	Long-life EP grease with white solid lubricants and additives against salt water corrosion, very adhesive, resistant to water and water-miscible coolants, prevents fretting corrosion. For lubricating chucks and guides on machine tools, as wells as lubrication points under moist operating conditions.
X				800,000	Noran CTV is suitable for the lubrication of automotive components such as door locks, hinges, joints, locks, sliding roofs, seat and mirror adjustments, Bowden cables, window regulators and others, approved by Volkswagen AG according to VW TL 745.
		X	X		EP fluid gear greases for use in heavy duty gears, which are operated with fluid greases of the NLGI grades 00 or 000.
X				400,000	Multi-purpose grease for motor vehicles, construction and agricultural machinery under normal operating conditions.
X	(X)		X	400,000	EP multi-purpose grease for lubricating normal and heavy duty bearings. Permitted according to company standard MAN 283 Li-P2 for the lubrication of HGV wheel bearings. Corresponds to the Mercedes Benz supplier specification DBL 6804.00 – Operation specification sheet 267.
X	(X)		X	400,000	EP high performing grease which meets the requirements of the steel industry according to SEB 181 253. Best suited for the lubrication of roller beds and rolling bearings in rolling mills over central lubrication systems. The grease can also be used for lubricating highly stressed bearings in other areas.
X	(X)		X	300,000	EP heavy duty grease for lubricating very heavy duty bearings with low speeds. Very adhesive, good sealing properties. It is possible to extend the lubrication intervals. Very well suited to bearings with impact stresses or oscillating movements.
X	X		X	300,000	Multi-purpose grease with graphite for rough operating conditions, such as construction machinery.
X	X		X	300,000	EP multi-purpose grease with molybdenum sulphide for heavy duty bearings. The molybdenum sulphide can also be used as an insertion and smoothing aid.
		X	X		EP fluid gear greases for use in heavy duty gears, which are operated with fluid greases of the NLGI grade 0, such as gear motors.
					For central lubrication systems of commercial vehicles and equipment operating outdoors with long cable runs. Approved by the companies Willy Vogel AG and MAN (according to company standard 283 Li-P00) and Mercedes Benz (supplier regulations DBL 6833.00 – fuel regulations sheet 264). It complies with the specification from Lincoln and Baier & Köppel.
X				500,000	Especially quiet universal grease for high-speed ball and roller bearings.
X				500,000	Low-noise universal grease for ball and roller bearings, approved by Volkswagen AG according to VW TL 735 X.

\*\*\*"Good" corresponds to corrosion level 0 according to DIN 51802, "very good" corresponds to corrosion protection under the influence of salt water.

# Standard values

Product	Thickener	NL GI class	Base oil type/ Viscosity [40 °C]	Application temperature		Identification according to DIN 51502	Water resistance according to DIN 51807	Corrosion protection**	Central lubrication system	Rolling bearings
				Con- tinuous operation	Short period					

## Lithium/ calcium lubricating greases

<b>rhenus LCC 2</b>	Li/Ca	2	Min./220 mm²/s	-30 to +130 °C	+140 °C	KP 2 K-30	0-90	Very good	X	X
<b>rhenus LCA 2</b>	Li/Ca	2	Min./400 mm²/s	-25 to +140 °C	+150 °C	KP 2 N-20	0-90	Very good	(X)	X

## Lithium complex lubricating greases

<b>rhenus LKT 2</b>	Li-K	2	Synth./27 mm²/s	-60 to +150 °C		KPHC 2 N-60	1-90	Good	X	X
<b>rhenus LKK 15</b>	Li-K	1-2	Synth./40 mm²/s	-50 to +150 °C	+200 °C	KPHC 1-2 N-50	1-90	Good	X	X
<b>rhenus LKP 2*</b>	Li-K	2	Min./115 mm²/s	-20 to +150 °C	+200 °C	KP 2 P-20	1-90	Good	X	X
<b>rhenus LKP 15</b>	Li-K	1-2	Min./500 mm²/s	-15 to +150 °C	+200 °C	KP 1-2 P-10	1-90	Good	(X)	X
<b>rhenus LKR 2</b>	Li-K	2	Min. and synth./100 mm²/s	-30 to +150 °C	+200 °C	KP 2 P-30	1-90	Good	X	X
<b>rhenus LKR 25</b>	Li-K	2-3	Min. and synth./210 mm²/s	-30 to +150 °C	+200 °C	KP 2-3 P-30	1-90	Good	X	X
<b>rhenus LKG 2</b>	Li-K	2	Synth./30 mm²/s	-50 to +150 °C	+200 °C	KPHC 2 N-50	1-90	Good	X	X
<b>rhenus LKY 2</b>	Li-K/Ca	2	Min./420 mm²/s	-25 to +150 °C	+200 °C	KP 2 P-20	0-90	Very good	X	X
<b>rhenus LKX 2</b>	Li-K	2	Min. and synth./600 mm²/s	-25 to +150 °C	+200 °C	KPF P-20	1-90	Very good	X	X

## Aluminium complex lubricating greases

<b>rhenus APN 2</b>	Al-K	2	Min./240 mm²/s	-20 to +150 °C	+200 °C	KP 2 P-20	0-90	Good	X	X
<b>rhenus ACN 15 GR</b>	Al-K	1-2	Min./500 mm²/s	-20 to +150 °C	+220 °C	KP 1-2 P-20	0-90	Good	(X)	X
<b>rhenus ADG 0</b>	Al-K	0	Min./500 mm²/s	-20 to +200 °C	+250 °C	OGPF 0 S-20	0-90	Good		
<b>rhenus ADG 02</b>	Al-K	00	Min./500 mm²/s	-30 to +200 °C	+250 °C	OGPF 0-00 S-30	0-90	Good		

Suitable for

Slide bearings	Open gears, guides	Closed gears	High stresses	Speed parameter (standard value) in mm x min-1 up to	Application instructions
X	(X)		X	400,000	Lubrication of rolling and slide bearings under normal and extreme operating conditions, especially for lubrication points, which are subjected to high and partly shock loads, as well as the influence of moisture. For example, roller beds and roller lubrication for hot and cold rolling mills, as well as and mandrel rolling mill over central lubrication systems. Lubrication of slew ring bearings, electric motors, pumps and forging presses.
X	(X)		X	300,000	
X			X	800,000	Lubrication of rolling and slide bearings at low temperatures.
X			X	800,000	EP multi-grade grease based on synthetic oil. Low-temperature grease which also covers the application range of a high-temperature grease. Especially suitable for use in electrical actuators in the automotive industry, such as window lifting actuators and wiping motors.
X			X	500,000	EP high-temperature grease for lubricating heavy duty bearings at normal and higher temperatures, such as in forging presses, calenders and manipulators in the steel industry.
X	(X)		X	300,000	EP high-temperature grease with high-viscosity base oil. Suitable for bearings with heavy loads and low speeds, such as bearings of presses, forging machinery and calenders.
X			X	500,000	EP high-temperature grease with partly synthetic base oil. Broad application range. Especially suitable for the wheel bearings of cars and heavy goods vehicles.
X			X	400,000	EP high-temperature grease with partly synthetic base oil with good sealing effect. Broad application range. Especially suitable for the wheel bearings of cars and heavy goods vehicles. Approval according to MAN 284, Mercedes Benz 265.1.
X			X	1,150,000	EP multi-grade grease based on synthetic oil. Low-temperature grease which also covers the application range of a high-temperature grease. Specially suitable for the lubrication of high-speed spindle bearings.
X			X	300,000	Special EP grease for lubricating bearings in wet and dry areas of paper machinery. Meets the requirements of Voith Paper, variable speed drives in wind turbines, electric motors, pumps, conveyor rollers, etc.
X	X		X	300,000	EP high-performing grease with Teflon for lubricating rolling and slide bearings, and sprockets and bolts in difficult conditions, such as high pressure loads, increased temperatures, humidity, vibrations and impact loads. Typical use in earth-moving machinery, wood pellet presses, cranes and all types of joints.
X	(X)		X	400,000	EP high-temperature grease for normal and increased operating temperatures. Best suited for lubricating continuous hot bearings in the steel industry, asphalt paving machines and forging presses.
X	X		X	300,000	EP high-temperature lubricating grease with high-viscosity base oil. Suitable for bearings with high stress. Best suited for the lubrication of continuous hot bearings in the steel industry, such as in continuous casting machines and the bearings of coil transport chains and asphalt mixing machines.
	X		X		Graphitised EP high-temperature grease for lubricating open sprockets. Best suited in spray lubrication systems on sprockets of rotary kilns and cement mills. Can also be manually used on open gears, gear racks, and rotating assemblies on construction machinery. Selection of consistency depending on operation manual.
	X		X		

Standard values

Product	Thickener	NL GI class	Base oil type/ Viscosity [40 °C]	Application temperature		Identification according to DIN 51502	Water resistance according to DIN 51807	Corrosion protection**	Central lubrication system	Rolling bearings
				Continuous operation	Short period					

## Bentonite lubricating greases

<b>rhenus BCN 2</b>	Bent.	2	Min./500 mm²/s	-15 to +150 °C	+200 °C	KP 2 P-10	0-90	Satisfactory	(X)	X
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## Easily biodegradable lubricating greases

<b>rhenus CDN 2*</b>	Spec. Ca	2	Nat. Ester/36 mm²/s	-20 to +80 °C		KE 2 E-20	0-40	Good	(X)	X
<b>rhenus LAC 2*</b>	LI	2	Synth. Ester/100 mm²/s	-35 to +120 °C	+130 °C	KPFE 2 K-30	1-90	Good	X	X
<b>rhenus LDU 02 GR*</b>	LI	00/000	Synth. Ester/45 mm²/s	-40 to +120 °C		MPE 000 K-40	1-90	Good	X	
<b>rhenus LSN 04</b>	LI	0000	Synth. Ester/25 mm²/s	-40 to +120 °C		MPE 0000 K-40	1-90	Good	X	X

## Lubricating greases for the food, pharmaceutical and feed industry with NSF-H1 certification

<b>rhenus ACN 2*</b>	Al-K	2	Med. White oil according to DAB 10/160 mm²/s	-30 to +140 °C	+180 °C	K 2 N-30	0-90	Good	X	X
<b>rhenus ADC 2*</b>	Al-K	2	Med. White oil according to DAB 10/160 mm²/s	-20 to +140 °C	+180 °C	KPF 2 N-20	0-90	Good	X	X
<b>rhenus ABC 2*</b>	Al-K	2	Synth./350 mm²/s	-45 to +160 °C	+200 °C	KPFHC 2 P-40	0-90	Good	X	X
<b>rhenus ABD 2</b>	Al-K	2	Med. White oil according to DAB 10/1,100 mm²/s	-20 to +140 °C	+180 °C	KPF 2 N-20	0-90	Good	(X)	(X)
<b>rhenus ADD 2*</b>	Al-K	2	Med. White oil according to DAB 10/460 mm²/s	-20 to +140 °C	+180 °C	KPF 2 N-20	0-90	Good	X	X
<b>rhenus WAO 2</b>	PTFE	2	Synth./500 mm²/s	-40 to +280 °C	+300 °C	KFK 2 U-40	0-90	Good		X

## Suitable for

Slide bearings	Open gears, guides	Closed gears	High stresses	Speed parameter (standard value) in mm x min <sup>-1</sup> up to	Application instructions
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			X	300,000	Dripping point-free, EP high-temperature grease is used lubricating bearings on in hot mixing systems, asphalt paving machines and hot rolling beds in the steel industry and the bearings of continuous hot transport facilities.
X				400,000	Easily biodegradable lubricant based on native ester. Is mainly used in areas in which leaking lubricating grease can harm the environment, such as in agriculture and forestry, sand and gravel operations and in hydraulic engineering. Not suitable for long-term lubrication.
X	(X)		X	400,000	Easily biodegradable multi-purpose grease based on synthetic ester. The lubricating grease can be used in environmentally sensitive areas as an EP multi-purpose grease based on mineral oil. However, the biodegradability precludes lifetime lubrication.
					Easily biodegradable fluid grease for central lubrication systems of commercial vehicles and equipment operating outdoors with long cable runs. Approved by Willy Vogel AG, Lincoln and MAN according to company standard 283 Li-P00.
X				500,000	Easily biodegradable soft lubricant based on synthetic ester. Approved by Deutsche Bahn AG.

## ication

X				400,000	For lubricating machines and bearing with low and medium stress. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out.
X	(X)		X	400,000	For lubricating heavy duty equipment, such as pellet presses. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out.
X	(X)		X	400,000	For lubricating highly-stressed machines and bearings within a broad range of temperature. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out.
X	X		X	100,000	For lubricating highly stressed machines. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out. Especially developed for use in water fittings.
X	(X)		X	300,000	For lubricating heavy duty equipment, such as pellet presses. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out.
X				100,000	Fully synthetic, high-temperature grease, thermally stable, chemically resistant to aggressive media and almost all solvents. Suitable for use in lubrication points where direct contact to foodstuffs cannot be ruled out.

### Standard values

Product	Thickener	NL GI class	Base oil type/ Viscosity [40 °C]	Application temperature		Identification according to DIN 51502	Water resistance according to DIN 51807	Corrosion protection**	Central lubrication system	Rolling bearings
				Continuous operation	Short period					

## Pastes

<b>rhenus BBD 2</b>		2	Synth./120 mm²/s	-30 to +1,400 °C			0-90	Good		
<b>rhenus BCM 15</b>		1-2	Min./60 mm²/s	-30 to +450 °C		MPF 1-2 U-30	0-90	Good		
<b>rhenus MAK 15</b>		1-2	Min./230 mm²/s	-30 to +700 °C		MPF 1-2 U-30	1-90	Good		
<b>rhenus MBK 2</b>		2	Min. and synth./290 mm²/s	-30 to +1,100 °C			0-90	Good		

## Special high-temperature lubricating greases

<b>rhenus WAO 2*</b>	PTFE	2	Synth./500 mm²/s	-40 to +280 °C	+300 °C	KFK 2 U-40	0-90	Good		X
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## Polyurea greases

<b>rhenus HCN 25</b>	PH	2-3	Synth./460 mm²/s	-40 to +190 °C	+230 °C	KPHC 2-3 S-40	0-90	Good		X
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Slide bearings	Open gears, guides	Closed gears	High stresses	Speed parameter (standard value) in mm x min <sup>-1</sup> up to	Application instructions
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			X		White, metal-free universal paste with solid lubricants and especially small particle sizes. For connections and fittings, which are highly stressed thermally or subject to corrosive influences. Prevents scaling, seizing, galling and corrosion, allowing a non-destructive disassembly of the treated parts. A low friction coefficient, good lubrication properties and a wide temperature range allow many application possibilities, such as the lubrication of all types of bolted connections, keys and key ways, press fits, threads of valve spindles, bolts and screws in power plants and cooling towers, connections and screws to systems which are highly stressed thermally. Assembly of slide and rolling bearings.
X	X		X		Assembly paste with molybdenum for easy assembly of components with fixed or sliding seats, bolts, bushings, rolling bearing fits, heavily loaded guides and bolted connections. It can also be used for the lubrication of joints and chains, and as an aid for insertion of gears. The solid lubricant film can work up to +450°C.
			X		Copper-containing paste for all fasteners, such as screws, nuts, guides and press fits, which are exposed to high temperatures and corrosive environments. The tested release and lubricating properties, as well as the good corrosion protection properties, enable normal release even after a longer retention time. Easy disassembly is possible even after annealing bolted connections. Used on bolted joints in foundries, steel mills, chemical plants, and also in the area of cars and commercial vehicles, as an anti-creek paste with disc brakes and as a release paste for exhaust bolts.
			X		Smooth installation and high-temperature paste based on a semi-synthetic base oil with especially pure copper powder and very small particle size. Adhesive and does not drip at high temperatures. Prevents seizing, galling, and scaling of screw and bolt connections and press fits. Used for lubricating brake cams as an anti-creek paste in brake pads on all types of screw connections. Non-destructive disassembly even following high thermal stress.
X				300,000	Fully synthetic, thermally stable high-temperature grease, chemically resistant to aggressive media and almost all solvents. It is used where other lubricating greases are not sufficient due to high temperatures or environmental influences. BAM is approved for use in oxygen valves (up to +60°C, max. 100 bar). Mixing with other greases or oils is to be absolutely avoided.
X	(X)		X	300,000	Fully synthetic polyurea grease for lubricating high-pressure and shock-loaded rolling and slide bearings at high bearing temperatures, for example, for roller beds, bearings in furnaces, casting equipment, batch annealing, electric motors, etc.

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