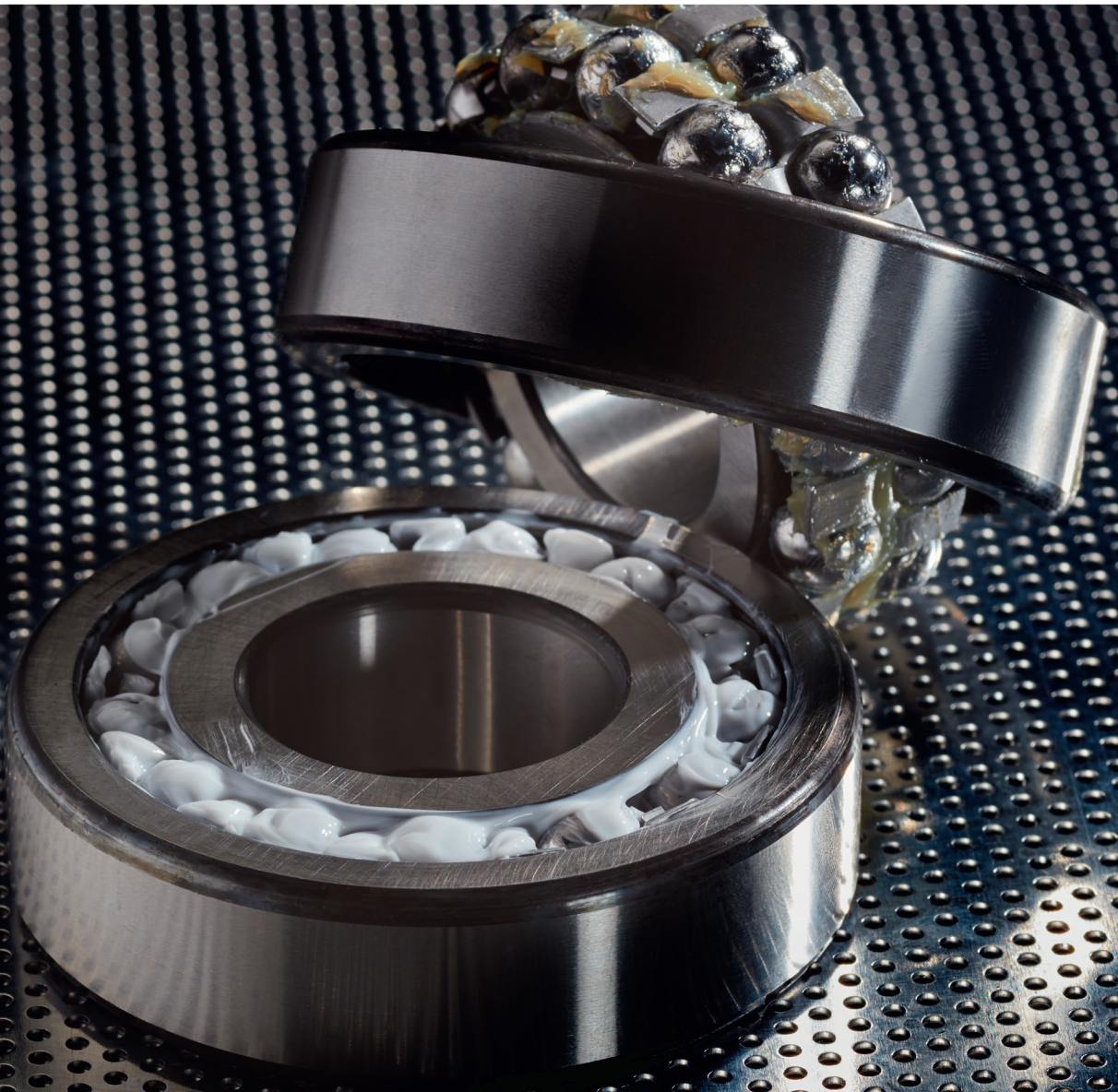


your global specialist

Klüber Lubrication and Franz Gottwald

Working together for maximum customer satisfaction



Strong partners with the same goals

Customers can expect from us precise lubricant solutions and service packages, all tailored to meet their specific requirements. Through optimum results, therefore, we help play a part in our customers' success story. This general principle applies to both Klüber Lubrication and Franz Gottwald in equal measure. And it is in this context that Klüber Lubrication, as a lubrication specialist in Germany, works closely with selected dealers.

The Gottwald Group is part of this network of highly qualified partner dealers that not only distribute oils, greases, pastes and other Klüber Lubrication products but also share the associated tribological know-how with their customers. At the same time, customers reap the benefits of the outstanding service quality and other expertise provided by the partner dealer.

Klüber Lubrication uses an extensive list of criteria to select its partners – including Franz Gottwald. Alongside exceptional performance and reliability, the willingness to give everything as a closely cooperating partner is especially important and helps contribute to the satisfaction levels of every single customer. Franz Gottwald has been fully meeting expectations in this regard for many years.



Klüber Lubrication: Everything in motion

Anyone who opts for Klüber Lubrication's special lubricants will be increasing the durability of components and machines – regardless of the industry. Special oils, greases, pastes, etc. from the international company reduce friction and wear, and as a result help prevent unplanned operational interruptions. Long-term functionality of machinery and their components is ensured, as is a reduction in maintenance costs.

Klüber Lubrication is a byword for tailored lubricant solutions. This means: oils, greases, pastes, etc. are carefully chosen for each individual use case. The company has been investing in research and development for decades and has its own laboratory with around 110 test rigs. All of its management systems are certified. Approvals from renowned OEMs confirm the quality of its products and processes. Klüber is always moving forward, developing new ideas every day to ensure that your requirements are met, all with an eye to the future.

The mineral oil company founded by chemist Theodor Klüber in 1929 has since focused solely on the production of synthetic special lubricants. Klüber Lubrication has been part of the Freudenberg Group, a global technology group, since 1966.

Industries:





Automotive | cement | chemical | conveyor systems | electrical | food | glass | machines | marine | metal working | mining | oil and gas | paper | pharma | power stations | precision engineering | rail | rubber and plastic | steel | textile | wind power | wire drawing | wood

Components:

Bearings | chains | compressors | electrical switches | fittings | gearboxes | linear guides | screws | wire and many more ...

More than **2,000 special lubricants & services Oils** | greases | pastes | sliding lacquers | waxes | corrosion protection | lubricators | drawing agents

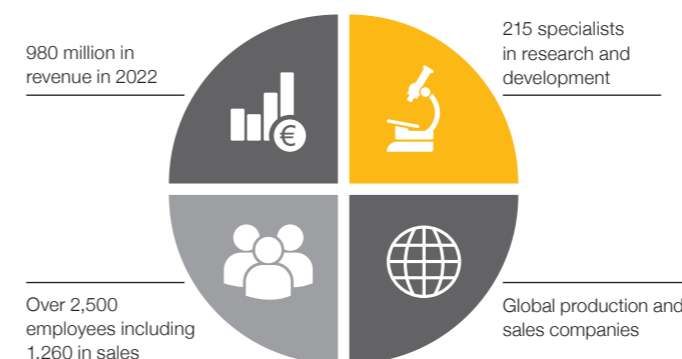
Benefits of the partnership between Klüber Lubrication and Franz Gottwald

-  **Regular exchange of know-how**
-  **Complementary skills**
-  **Short channels, proximity to customer**
-  **Individual consulting and supply**



Facts and figures about Klüber Lubrication

(As at: 2022)



For more than 90 years, Klüber has been developing and producing innovative solutions which save energy and resources. **Founded by Theodor Klüber** in Munich, Germany.

- ▶ **Unique test area** with over **110 test rigs**. Extensive analytics and customer-specific testing equipment.
- ▶ **100% compliance**, e.g. REACH, TSCA uvm.
- ▶ Thousands of **OEM recommendations**

Quality management:

DIN EN ISO 9001, IATF 16949

Health, Safety and Environment:

ISO 14001, ISO 45001

Food industry:

ISO 21469, NSF H1, halal, kosher

Together we can achieve more!

Klüber Lubrication and Franz Gottwald are on the same page when it comes to customer focus. Both partners will leave no stone unturned in the pursuit of customer satisfaction. Together they are committed to focusing on the future topics of their customers. This includes promoting both corporate social responsibility and environment social responsibility and providing even more digital solutions and services going forward.

Progress in sustainability and energy efficiency

In 2021, renowned rating agency EcoVadis gave Klüber Lubrication a "silver" rating for its commitment to sustainability. In 2022, the manufacturer of special lubricants went one better and received the "gold" status. This progress clearly demonstrates Klüber Lubrication's commitment to sustainability and continuous improvement. This also has a positive effect on customers: products from Klüber Lubrication are proven to increase energy efficiency in components and machinery. They are low in consumption and aim to increase service life.



Overcoming the challenge: MOSH/MOAH

Mineral oil saturated hydrocarbons (MOSH) and mineral oil aromatic hydrocarbons (MOAH) are harmful to humans. That is why the food industry is phasing them out. The topic of MOSH/MOAH is very complex and many companies are still in the dark regarding what it all means in terms of selecting and using lubricants. Klüber Lubrication has its own team of experts tasked with dealing with MOSH/MOAH and providing answers and solutions to the industry.

Our contribution to food safety

Contamination in food production – for example, caused by mineral oil saturated hydrocarbons and mineral oil aromatic hydrocarbons (MOSH/MOAH) – is not only costly but can also be harmful to the health of humans. An often underrated but highly efficient measure in food safety is the use of high-quality special lubricants. For this purpose, Klüber Lubrication has over 280 registered NSF-H1 lubricants that contribute to food safety. They also help prevent disruption caused by maintenance work and reduce the number of machine failures.

Sustainability as a common task

The topic of sustainability is as important to Franz Gottwald's customers, which operate in a wide variety of industries, as it is to the company itself. That is why Gottwald has taken it upon itself to support its customers in reaching their sustainability targets through its know-how and consulting expertise. The aim is to work in a way that is both sustainable and economical. This can be achieved by analysing the processes, providing individual consulting and intensive guidance as well as by using new, efficient and environmentally friendly products. Klüber Lubrication, as a pioneer in the development of biodegradable lubricants and hydro lubricants, is therefore the ideal partner.

Benefits for environment and companies

Lubricants are essential for companies using machines. As they are used in large quantities on a daily basis, sustainable alternatives offer massive potential for environmental protection. The newly developed biodegradable lubricants from Klüber Lubrication, tailored specifically to meet the customer's requirements, consist of renewable or largely biodegradable raw materials and offer high performance at the same time. In addition to the improved ecofriendliness and resource conservation, emissions are reduced, machine running times are extended and operating costs are lowered when these lubricants are used.

Hydro lubricants contain water as a functional component. The innovative technology uses water as a basic cooling component and impresses thanks to reduced energy consumption, significantly lower component temperatures during operation, increased occupational safety and improved health protection due to the lack of harmful solvents.

bremenports – how goals are achieved

An example of a successful collaboration between a customer, Klüber Lubrication and Franz Gottwald would be that involving the port management organisation bremenports, which had been developing a greenports sustainability strategy and was on the lookout for a suitable implementation plan. Gottwald employees, during an on-site consultation, recommended the use of eco-friendly lubricants in equipment, since accidental spills of lubricants can occur, for example, in dredging operations and in barrages. Once it was clear that bremenports found this approach intriguing, Gottwald immediately knew what to do next and introduced the company to Klüber Lubrication. And the result speaks for itself. Since the introduction of these high performance biodegradable lubricants, developed especially for this application, bremenports has now become a much more sustainable company. In addition, consumption has been significantly reduced, which is not only good news for the environment but also means a reduction in working hours and costs.



Gottwald Group



Connecting solutions and partners

With its extensive range of products, sound brand know-how and in-depth understanding of your requirements, Gottwald offers a unique service package. The company works closely with market-leading suppliers, and this enables it to find the right solution for the challenge at hand.

The cooperative partnership between customers, Klüber Lubrication and Gottwald is characterised by trust and dependability. Here, Gottwald plays the role of an important go-between and supports the whole process with its consulting expertise. Trained sales representatives provide support on site at the customer – also in the form of joint visits with Klüber Lubrication. Once the service technicians have successfully introduced the new products, they will of course remain on site to perform any necessary services such as, for example, applying grease to bearings using just the right amount of Klüber Lubrication grease.



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Numerous customers from mechanical engineering, the automotive and food industries all the way to port operators trust in the performance of this family company.

Get in touch with no obligations and see for yourself!

Gottwald's product portfolio

- Sealing technology
- Adhesives and lubricants
- Hydraulic components
- Vibration control technology
- Pneumatic components
- Air filtration and dedusting
- Drive technology and bearings
- Hydraulic accumulators



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