

Innovative lubricants need experienced application engineers

Every lubricant change should be preceded by expert consultation on the application in question. Only then can the best lubricant system be selected. We will be happy to advise on the right lubricant for each application and also the range of support services we can offer.



Corrosion Preventatives

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LUBRICANTS.
TECHNOLOGY.
PEOPLE.



YOUR **PERFECT** PRODUCT **PARTNER**

FUCHS is a full line supplier of lubricants and provides customers with local manufacturing, first class logistics and specialist technical support. We research, develop and manufacture bespoke lubricants, technology that is approved for use by leading manufacturers and available globally via the FUCHS organisation.

We specialise in developing products for extreme tribological problems. Our corrosion preventatives have been developed to maintain optimal surface finish, minimise waste or product recalls and reduce overall costs.

At FUCHS, we believe that the perfect lubricant partner should not only supply high performance lubricants, but also provide service and support to customers. Our experienced team work closely with customers, and can assist with product solutions for difficult application areas such as long term storage or wet environments.



THE **FUCHS GROUP**

FUCHS is the world's largest independent lubricant manufacturer. The Group comprises of 55 operating companies with 34 production plants worldwide.

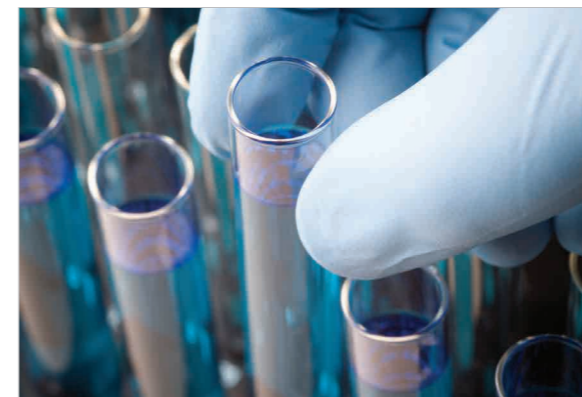
In addition to products developed for industry in the UK, we have access to more than 2,500 industrial FUCHS products from within the Group. Customers can make use of FUCHS' technical expertise and product availability on a global scale, providing access to international fluid technology.



UK GROUP PROFILE

The headquarters of the UK subsidiary is located at our modern, highly automated production plant in Stoke-on-Trent. Our UK manufacturing site carries all the necessary approvals required including BSI AS 9100, ISO 9001, ISO 14001, ISO/TS 16949 and OHSAS 18001.

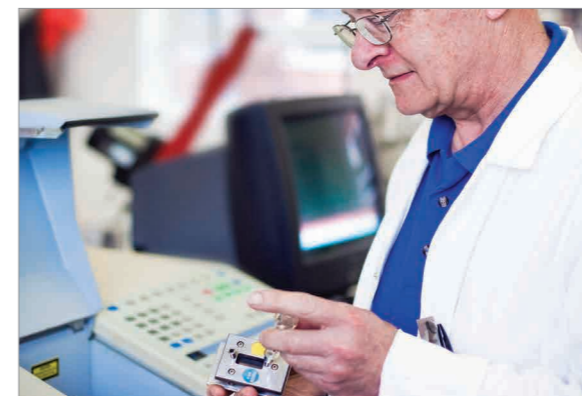
FUCHS is a full line supplier of lubricants and provides customers with local manufacturing, first-class logistics and specialist technical support.



RESEARCH & DEVELOPMENT

The FUCHS Group has a very strong focus on R&D with more than 400 chemists, engineers and specialists in more than 40 laboratories worldwide. Our labs are extremely well equipped and audited to the highest levels, having state-of-the-art equipment and highly trained staff with extensive technology and application knowledge.

Regular dialogue with OEMs, other industry bodies and component suppliers maintains technical advantages. Our continued investment ensures that we are at the forefront of lubricant technology.



TECHNICAL SUPPORT

With our industry leading experience in lubrication and chemical processes, FUCHS is able to provide customers with unparalleled products and services through focused engineering, administrative and technical support. Our business support solutions include a UK based customer service team, local customer account managers, as well as experienced technical engineers and product specialists.

Every lubrication recommendation schedule and review we complete is utterly unique, dedicated to the exact need of the operation and chosen with the aim of extending service life and to optimise operational efficiency.

HIGH PERFORMANCE CORROSION PREVENTATIVES

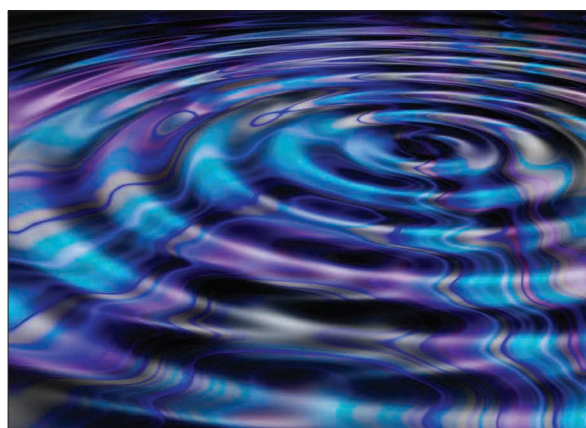


DEWATERING FLUIDS

Our dewatering fluids are temporary corrosion protection oils with specialist additives to provide excellent water displacement. Offering short to medium term protection, our dewatering fluids are ideally suited for the temporary protection of parts, for example during storage or transportation.

Our products are versatile in use and are both up- and down-stream compatible (e.g. with engine oils, gear box oils, etc.).

The **ANTICORIT DF** range of products is based on the newest technology innovations, is barium free and provides improved demulsification and dewatering performance. Based on the latest formulation technology to provide consistent film forming capabilities and good stability in storage.



SPECIALIST CONCENTRATES

ANTICORIT OHK products are corrosion protection concentrates principally designed for use as a dilution in solvents or low viscosity oils. Forms a clear solution in all solvents and leaves a highly viscous, oily, non-resinating protective film on components.

Where high corrosion protection is needed, **ANTICORIT OHK** is the ideal solution. These products have been developed for use as corrosion protection agents for difficult assembly construction units or as rust dissolving agents.

Specific corrosion protection requirements for metalworking fluids, can be met by adding **ANTICORIT OHK** to the neat cutting oil. Has a high spreading tendency, making it economical in use.



WATER MISCIBLE CORROSION PROTECTION

Water-miscible corrosion preventatives for the cleaning and interim protection of semi-finished components, phosphate parts and components used in the potable water sector.

ANTICORIT MKR is used to protect bare and phosphate metal surfaces and can be used as a corrosion inhibitor for radiators and hydraulic water systems.

Our **ANTICORIT MKR** products are silicone and barium free corrosion protection concentrates, which are easily mixed to form an emulsion. Easy to apply, and film thickness can be adjusted through dilution in water.

VAPOUR CORROSION INHIBITORS (VCI)

Vapour Corrosion Inhibiting products work by releasing molecules that coat the metal surface with a very thin layer of corrosion preventative. The surface film is non-damaging to the component's surface, does not interfere with subsequent finishing processes and inhibits corrosion. Unlike other corrosion preventatives, the corrosion inhibiting vapours can reach, and therefore have the ability to protect, intricate parts of components.

Different metals require different corrosion preventatives, which is why our range includes products for ferrous metals, non-ferrous metals, and a combination of both. Our VCI films and paper are transparent for ease of inspection and identification of the parts.

VCI FILM

The corrosion inhibiting vapours are released onto the components within the enclosed packaging, providing complete corrosion protection during storage and transportation. Parts are ready to use immediately after removal from the packaging. Available as film, flat bags and gusseted bags.

VCI PAPER

VCI paper can be used as packaging, as an inlay in boxes, or as an intermediate layer. Provides protection when in direct contact with the components as well as through the vapour stage.

VCI POWDER/ TABLETS

Tablets or powder can be added to the packaging to release VCI agents and prevent corrosion for as long as the container is sealed.

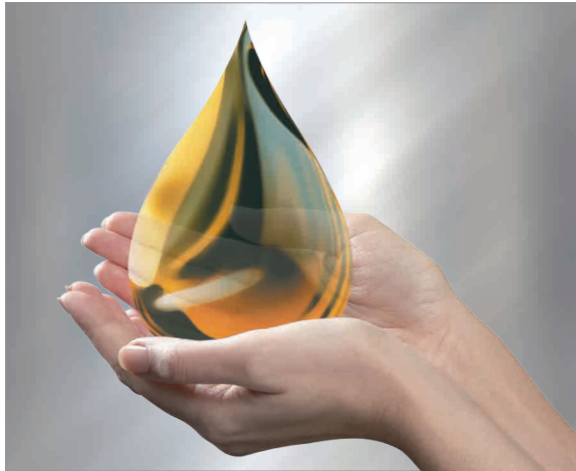
VCI LIQUIDS

VCI agents evaporate from the liquid, meaning they can protect systems, such as radiators, against corrosion even where no cooling fluid is present. Our products can also be used to protect combustion engines and fuel tanks without leaving any residue.

VCI FOAM PADS

Ideal for the packing and transportation of fragile or electrical parts. The foam pad protects the part from damage, whilst the VCI vapours protect the part from corrosion.





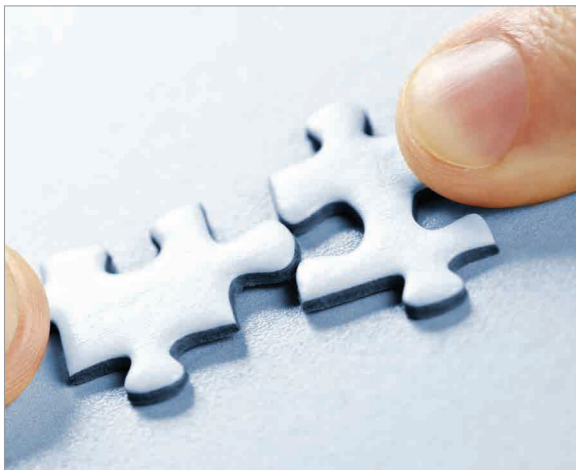
CHOOSING THE **RIGHT** PRODUCT

We can help manufacturers choose the ideal corrosion preventative for their process. There are a number of factors to be considered when selecting your corrosion protection including the condition of the surface, duration of required protection, desired drying speed of corrosion preventative and subsequent use of the component. Our team of experts can help you select the right product to help improve the efficiency of your process and give you the corrosion protection your components need.



INNOVATIVE SOLUTIONS

Protection against corrosion is extremely important in reducing waste and lowering costs. We are committed to researching the causes of corrosion and developing high performance products to prevent rusting. Our products can help you achieve more reliable protection of components – protecting material from contaminants, corrosion, fingerprints, bacteria and water.



COMPATIBILITY

The metalworking process involves many complex steps that are interdependent and carefully matched. Cross-compatibility of lubricants and cleaners is monitored in our state-of-the-art research facilities and laboratories. Our quality checking guarantees a reliable process chain starting with forging, forming and metal cutting through to cleaning, corrosion protection and coating.



TECHNICAL SOLUTIONS

FUCHS is a full line supplier of lubricants and associated products for the complete metalworking fluid process. Our UK based team can help support you, whether it's selecting the right product, carrying out testing, advising on environmental and health and safety issues, or providing training on lubricant best practices. We can assist with even the most challenging of corrosion prevention needs, including overseas shipping, hostile environments or long term storage. Talk to FUCHS about how we can help you.

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