

Safer process.
Safer profit.



rhenus SPECIAL LUBRICANTS

for the food industry



rhenus food grade lubricants

Products	Thick-ener	NLGI class	Operating temperature		Usage notes
			Permanent operation	Short-term	
rhenus ACN series	Al complex	00-2	-20°C to +140°C	+180°C	Normally loaded roller and plain bearings, bushings, guides, sliders, joints
rhenus ADC series	Al complex	00-2	-20°C to +140°C	+180°C	Highly loaded roller and plain bearings, bushings, guides, sliders, joints (EP greases)
rhenus ABC series	Al complex	00-2	-45°C to +160°C	+200°C	Highly loaded roller and plain bearings, bushings, guides, sliders, joints at elevated temperature and exposed to water (EP greases)
rhenus ABD 2	Al complex	2	-20°C to +140°C	+180°C	Very adherent grease
rhenus ABO 2	Al complex	2	-20°C to +140°C	+180°C	Grease containing PTFE for lubrication of bearings
rhenus ADD	Al complex	1-2	-20°C to +140°C	+180°C	Adherent EP grease for roller and plain bearings at high temperatures and humidity
rhenus WAO 2	PTFE	2	-40°C to +280°C	+300°C	High-temperature grease based on fluorinated synthetic oils and finely dispersed PTFE

rhenus food grade oils

Products	ISO VG class	Flash point	Pour point
Hydraulic oil based on medical white oil			
rhenus OHW 23	46	> 200°C	< -15°C
Synthetic hydraulic oils			
rhenus OHS series	15 - 100	> 180°C to 240°C	< -56°C
Synthetic gear oils			
rhenus OGS series	68 - 680	> 240°C	< -42°C
Synthetic chain oils			
rhenus OCS series	32 - 1500	> 200°C to 230°C	< -33°C
Compressor oils			
rhenus OVS series	46 - 100	> 240°C	< -56°C

This is an excerpt from the complete rhenus program. We are happy to advise you about other products.

Special lubricants for the food industry

Food must be healthy and safe! Food manufacturers and processors usually carry the responsibility to ensure that this is the case. We assume the responsibility for applied lubricants. We make sure you are able to use lubricants that are not harmful to health which provide the best technological properties throughout your entire manufacturing process – from production to filling and packaging.

Our lubricants are:

- Neutral in taste and odour
- Not harmful to health
- Compliant with food regulations
- Internationally approved

NSF H1. rhenus products are safe.

We have developed an ample range of H1-grade greases and oils for your specific applications. The internationally recognised H1 standard guarantees that these lubricants are not harmful when occasionally coming into contact with foodstuff as a result of unavoidable, technical processes. Consequently, you are always on

the safe side throughout the entire production process thanks to rhenus lubricants.

The North American FDA (Food and Drug Association) has defined the qualities and quantities of ingredients for food-grade lubricants in a list of permitted substances. NSF International has assessed the product on the basis of the most stringent criteria and approved it as H1 lubricant.



Halal and kosher. rhenus products comply with religious food standards.

The terms halal and kosher literally mean “permitted, approved, legal, legitimate”. Rhenus Lub produces a host of halal and kosher certified lubricants on dedicated production lines. This means that there is no contamination with substances banned under Muslim or Jewish law during the preparation, production and/or storage.



rhenus NSF H1 greases and oils

- Reduce wear
- Reduce friction
- Can be used at high and low temperatures
- Dissipate heat
- Protect against oxidation and corrosion
- Resistant to the majority of chemicals
- Resistant to water and steam
- Compatible with metals and many plastic types

Our NSF H1 lubricants. **Versatile application.**

rhenus H1 products are used throughout the entire food and beverage industry – in processing machines for any type of beverage, fruit and vegetables, bread and baked goods, edible oils, confectionery, dairy products, meat, fish or spices.

This is a mere selection of the many application options.

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