

Safer process.
Safer profit.



Rhenus Lub

Special lubricants for maritime applications

Lubricants for maritime applications -

A very special challenge

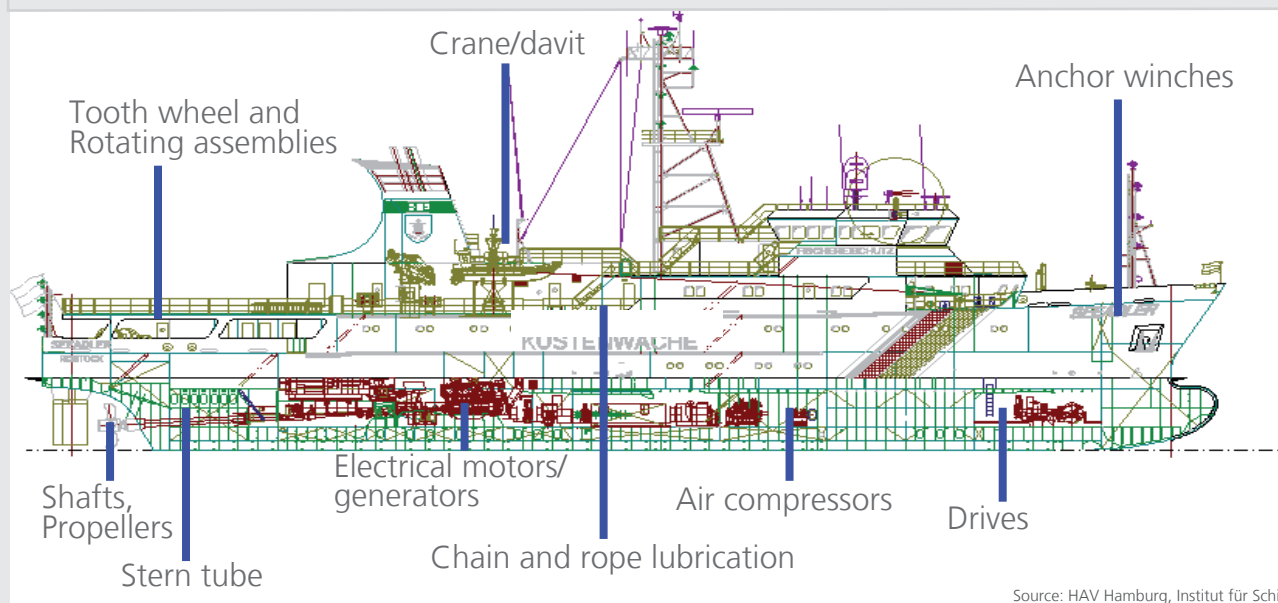
Rhenus Lub has a comprehensive portfolio of lubricants designed to handle the toughest locations in the maritime environment: Ships, ports and oil rigs. The rhenus high-performance greases developed specifically for maritime applications enable optimum efficiency in operation and effective protection of maritime equipment. They ensure high reliability whilst taking biodegradability into account: to sustainably protect both our waters and the environment.

Mechanical parts are often subject to extreme influences at sea, in particular, but also on land. Whether it be salt water, wind and weather, cold and heat or extreme mechanical loads and corrosions. Here, the differences in quality between traditional lubricants and the tailored quality products from Rhenus Lub can quickly be seen.

A selection of our product range for maritime applications can be found in the product overview below. We would be happy to advise you personally in the event of special applications and questions.

Ship-based applications

Application	Product	Comments
Stern tube, shaft, propeller	rhenus LFC 2	Resistant to aging and corrosion protective
	rhenus LKY 2	(three times lower consumption than rhenus LFC 2)
	rhenus LAC 2	Biodegradable
Electric motors	rhenus LKZ 2	Specially for electric motors and generators
Tooth wheel (exterior)	rhenus ADG 0	Can be sprayed
Tooth wheel (interior)	rhenus LEG 2	High load grease with graphite
Ropes and chains	rhenus OTR 47	Sea-water-proof
Sealing grease	rhenus CXN 25	Biodegradable sealing grease
Azipod drives	rhenus CJN 2	Extremely water-proof and adhesive
	rhenus LKY 2	Mechanically extremely stable



Port-based applications

Application		Product	Comments
General lubrication		rhenus LZN 2	Multi-purpose grease
	Bolts, joints, slow rotating bearings	rhenus LKX 2	High impact load
		rhenus LAC 2	Biodegradable
Locks		rhenus CXN 25	Biodegradable sealing grease
Cranes	Winches	rhenus CAZ 2	White solid lubricants
	Tooth wheel (exterior)	rhenus ADG 0	Can be sprayed
	Tooth wheel (interior)	rhenus LEG 2	High load grease with graphite
	Ropes and chains	rhenus OTR 47	Sea-water-proof
Electric motors, Generators	Rolling bearings	rhenus LKZ 2	Specially for electric motors and Generators
	Points	rhenus LSN 04	Biodegradable
Rail transport	Wheelset bearing	rhenus LKJ 2	Developed specifically for wheelset bearings
	Electric motors	rhenus LKZ 2	Specially for electric motors and Generators
	Buffer discs	rhenus BAC 0	Mechanically stable
	Wheel flange	rhenus LDU 02 GR	Biodegradable
	Wire ropes	rhenus OTR 47	Sea-water-proof
Slipways, docks, Ship ramps	Slow rotating bearings	rhenus CXN 25	Biodegradable
Universal paste	Screws and bolts	rhenus BBD 2	Prevents sticking



Rhenus Lub – Your partner for maritime lubrication applications.

Cranes
Ropes Generators
Hatches Fans Docks
Hawsers Propellers Swivel bearings
Winches Cranks **Rope drives** Container lashing
Chain lubricant Anchor winches Stern tubes
Pressure bearings Fair-lead sheaves **Rails**
Pumps **Shafts** Rudders
Ramps **Stabilisers**
Emergency power supply units
Helling

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