

Safer process.
Safer profit.



rhenus
SPECIAL LUBRICANTS
for maritime applications



Lubricants for maritime applications – a very special challenge

Rhenus Lub provides a comprehensive range of lubricants for the most challenging application areas in maritime environments: vessels, ports and oil rigs.

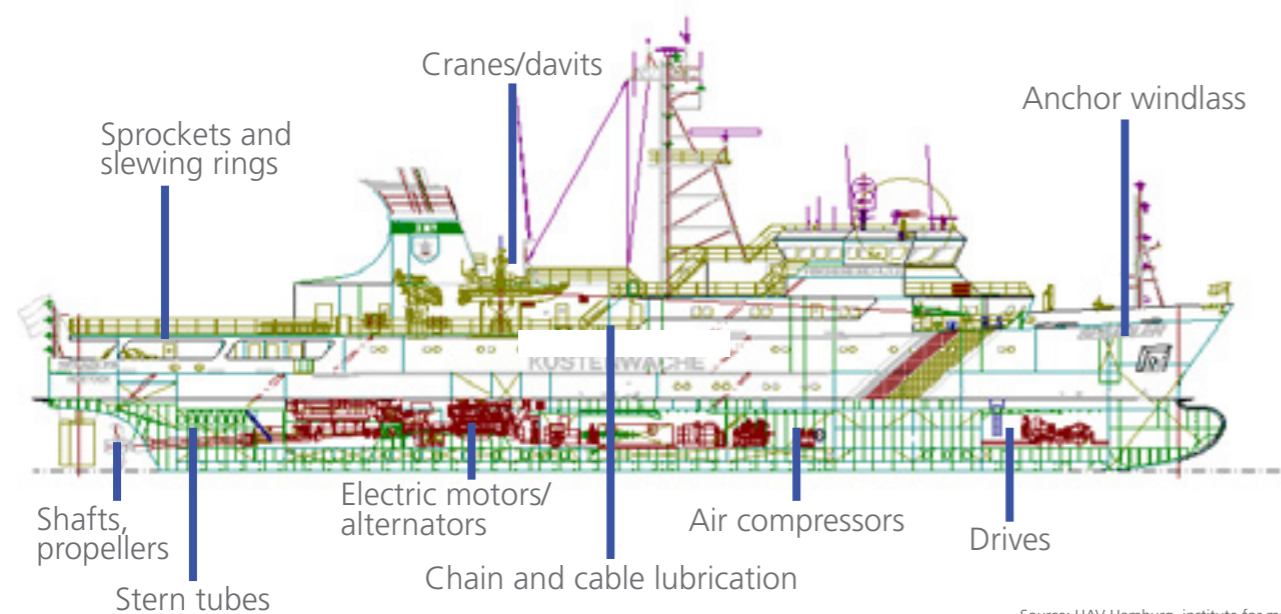
rhenus high-performance greases have been specifically developed for maritime applications to enable optimum efficiency during operation and reliably protect maritime equipment. In this process, they guarantee maximum reliability while taking into account biodegradable aspects to sustainably protect our rivers, lakes and oceans as well as the environment on a whole.

Mechanical components are subject to extreme conditions, particularly in off-shore applications, but partly also on shore: salt water, wind and fierce weather conditions as well as in hot and cold temperatures. Differences in quality between conventional lubricants and customised, quality Rhenus products quickly become apparent in this context.

The following product overview lists a selection of our product portfolio for maritime applications. Contact us and we will individually advise you if you require products for special applications or have any questions.

Applications on vessels

Application	Product	Note
Stern tubes, shafts, propellers	rhenus LFC 2	Resistant to ageing and protects from corrosion
	rhenus LKY 2	(consumption three times lower than rhenus LFC 2)
	rhenus LAC 2	Biodegradable
Electric motors	rhenus LKZ 2	Specially designed for electric motors and alternators
	Sprockets (external) rhenus ADG 0	Suitable for atomisation
	Sprockets (internal) rhenus LEG 2	High-load grease with graphite
Greasing seals	rhenus CXN 25	Biodegradable sealing grease
Azipod drives	rhenus CJN 2	Extremely water-resistant and adhesive
	rhenus LKY 2	Extremely mechanically stable



Source: HAV Hamburg, institute for maritime companies

Applications in ports

Application	Product	Note
General lubrication	rhenus LZN 2	Multi-purpose grease
	rhenus LKX 2	Highly impact-resistant
	rhenus LAC 2	Biodegradable
Locks	rhenus CXN 25	Biodegradable sealing grease
Cranes	Winches rhenus CAZ 2	White solid lubricants
	Sprockets (external) rhenus ADG 0	Suitable for atomisation
	Sprockets (internal) rhenus LEG 2	High-load grease with graphite
Electric motors, alternators	Roller bearings rhenus LKZ 2	Specially designed for electric motors and alternators
	Switches rhenus LSN 04	Biodegradable
	Wheelset bearing rhenus LKJ 2	Specially developed for wheelset bearings
	Electric motors rhenus LKZ 2	Specially designed for electric motors and alternators
Railways	Buffer plates rhenus BAC 0	Mechanically stable
	Wheel flanges rhenus LDU 02 GR	Biodegradable
	Slipways, docks, vessel ramps	Slowly rotating bearings rhenus CXN 25
Universal paste	Screws and bolts rhenus MAK 15	Prevents seizing



Rhenus Lub – your partner for maritime lubrication applications.

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