

## All over the world

### We are where you are

It is our aim to provide you with high-quality speciality lubricants and service with consistent high quality around the globe at any time while keeping up our high technological competence. We're achieving this aim thanks to our global network of production and sales companies as well as competent distribution partners and thanks to our highly specialised experts who are at your service when it comes to dealing with your individual enquiries.

F09004002/Edition 02.11

Publisher and Copyright: Klüber Lubrication München KG  
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### Thinking toward the future

Beside top-quality mineral oil-based lubricants for the marine industry, we offer a comprehensive range of synthetic high-performance speciality lubricants which contribute to increased efficiency of marine equipment. Our special lubricants help to extend maintenance intervals and decrease the lubricant quantities required. For eco-friendly operators we have non-toxic, rapidly biodegradable lubricants to offer, which contribute to the sustainable protection of the seas. We generally recommend consulting our lubrication experts prior to selecting a lubricant.

[www.klueber.com](http://www.klueber.com)

Klüber Lubrication – your global specialist

Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 80 years.



your global specialist

## White lubricants for white ships



**KLÜBER**  
LUBRICATION

## Cruise liners are something very special

Everyone has different ideas about their ideal holidays: Some like the mountains, others prefer city breaks or a trip to the coast, and these days, more and more people are taking cruises. They all have one thing in common though: They want to relax and enjoy themselves.

Cruise liners are in a very special position: They are surrounded by water as far as the eye can see, and the wind and waves are their constant companions. On board, it is particularly important to offer all passengers maximum safety and to convey a feeling of security to them.

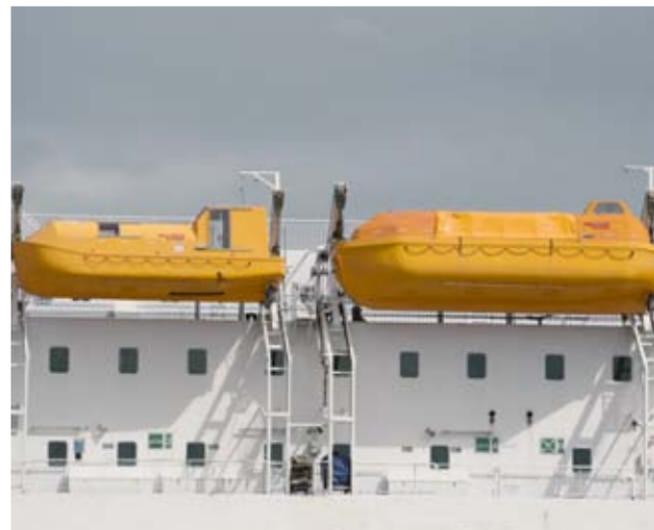
Safety needs to be evident to every passenger on board: one important eye-catcher in this context is the lifeboats. It is with this type of equipment that a cruise operator does not get a second chance to make that vital first impression. And this impression could well be affected by a lubricant. A dark, graphite-containing lubricant sticking to the ropes, shackles and guide pulleys may fulfil its purpose functionally, but certainly is not a pretty sight, and even less so when it's dripping onto the deck below.

## The solution? A white lubricant!

How to solve the problem? Quite simple: A lubricant needed to be developed which, above all, fulfilled these three main criteria:

1. It has to provide optimum lubrication and corrosion protection for wire ropes, guide pulleys and open gears.
2. It must not drip.
3. It should have a light colour.

Klüber has developed just such a speciality lubricant: Its name: **Klüberplex AG 11-462**



## First-class appearance and functionality



With Klüberplex AG 11-462, Klüber has launched a specialty lubricant which has been put through the acid test under practical conditions:

- It offers extremely good adhesion properties and does not drip onto the deck even in tropical climates
- It maintains its excellent lubrication properties from the arctic to the equator
- Corrosion protection is reliably maintained even after prolonged periods of standstill
- Soiling and cleaning of the deck are kept to a minimum, thanks to the lubricant's light colour
- It assists in providing an aesthetic appearance of the safety equipment on board
- Klüberplex AG 11-462 can also be used for the lubrication of highly loaded rolling and plain bearings; therefore, only a small range of lubricants needs to be stored on board