



5 facts about specialty lubricants that might surprise you.

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High-performance lubricants specifically developed for the maritime industry offer port operators like you lots of benefits. The 5 most important are listed here – and might come as a surprise!



Specialty lubricants are performance boosters for any port facility

Specialty lubricants are developed for each lubrication point individually and optimised to offer maximum performance. They reduce friction between moving components much better than standard lubricants, enabling longer component life. Unplanned downtime is reduced as well as the need for maintenance – this applies to numerous applications including ropes, bearings and hydraulic systems as well as container lashings, compressors, gearboxes and winches. At your facilities this translates into substantially higher performance, efficiency and reliability.



Specialty lubricants enhance safety

Maintenance work is often carried out at considerable heights, where dripping lubricant can cause a grave slipping hazard. The associated risk of accidents can be significantly reduced through the use of specialty lubricants. Available products that are highly adhesive do not drip – even at high temperatures, rain or in contact with salt water. The long lubricant life also contributes to a lower accident risk as the longer maintenance intervals lead to less time spent in hazardous areas.



Specialty lubricants are a great leap forward on the road towards becoming a “Green Port”

Legal requirements regarding environmental protection and sustainability are becoming ever more stringent. Specialty lubricants help improve your eco-balance – in several ways: For one thing, they reduce friction between components. This means higher energy efficiency and hence less CO₂ emissions. For another, specialty lubricants are more economical in use and at the same time lead to longer maintenance intervals. Both of these factors reduce waste volumes significantly. What's more, for lubrication points that are in direct contact with the environment, there are special bio-lubricants that are biologically degradable, minimally toxic and not bioaccumulative.



Sustainable specialty lubricants do not compromise on performance

Previously, terms like “eco-friendly lubricants” suggested the need for compromise in terms of performance. This is a thing of the past: Lubricants certified as EAL from Klüber Lubrication leave nothing to wish for – sometimes they are even superior to conventional lubricants. This is proven by numerous tests and their daily use in all kinds of applications all over the world. So there's no longer any need to put more strain on the environment than necessary.



Specialty lubricants are good news for your chief financial officer

As long as you look only at the costs of the lubricant itself, conventional lubricants appear of course in a better light than specialty lubricants. But the real test of economy is always the total costs accrued over the entire life cycle of a system. And this is where the strengths of specialty lubricants show what they're worth: They reduce energy consumption and increase productivity. Component life is extended and downtime reduced. Operating, maintenance and labour costs decrease considerably. So the moderate mark-up in price will have paid back within a very short time.

Moving ahead together.

Are you surprised to learn what can be achieved with specialty lubricants? Then why not make Klüber Lubrication your competent partner for lubricants to carry your port facilities to a new level. We offer you a comprehensive range of high-performance lubricants for the maritime industry – available worldwide in consistent maximum quality and all from a single source.

To learn more, reach out to one of our experts today at:



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