



rhenus

Biodegradable

SPECIAL LUBRICANTS

Safer process.
Safer profit.



Biodegradable lubricating greases – the environmentally sound alternative

Petroleum products must not penetrate bodies of water or the ground. This particularly applies to agriculture and forestry, the construction industry, on-shore facilities and railways. Rhenus Lub, certified as per the international environmental protection management standard ISO 14001, develops and produces biodegradable lubricating greases for these application options. They are free from mineral oils and partly consist of renewable raw materials. This protects resources.

All products from our ample range of quickly biodegradable lubricating greases comply with OECD-301 tests and are toxicologically not harmful. Paramount in ecologically sensitive

areas! And users are on the safe side in terms of potential damage claims as a result of contamination in water or the ground.

Products also deliver great results in terms of their lubricating effect. As an innovation leader, Rhenus Lub invests an above-average amount in research and development, and over 20% of our employees work in this area. Any raw material and every product batch is closely audited. This guarantees our customers receive products that meet consistently high quality standards and comply with all technical requirements. This results in longer machine service life, improved lubricating grease performance and lower consumption, making environmental protection well worthwhile!



Product selection

The product overview shows a selection of our extensive range of biodegradable lubricating greases. Do you have specific requirements? We would be happy to advise you individually.

Applications	Product	Note
General lubrication	Lubrication of roller and plain bearings up to max. 80°C	rhenus CDN 1 NLGI class 1, *
	Lubrication of roller and plain bearings up to max. 80°C	rhenus CDN 2 NLGI class 2, *
	Lubrication of roller bearings and plain bearings at normal and elevated temperatures	rhenus LRU 2 Synthetic base oil, *
Railway	Wheel-flange lubricant, sliding surfaces on turnout systems	rhenus CBG 03 Graphite enriched, REBs approved, *
	Switch plate lubricant	rhenus LSN 04 Railway approved, long service life
Rail transport, drill pipes	Buffer-plate grease, drill-pipe grease	rhenus BAC 0 Low temperature grease, white solid lubricants
	Buffer-plate grease, drill-pipe grease	rhenus BAC 15 Non-drip, *
Tunnel drilling machines, locks	Main bearings, sealing grease	rhenus CXN 25 Very well suited to central lubrication systems and good sealing properties against water/dirt, *
Commercial vehicles, construction equipment, agriculture and forestry, railway	Central lubrication devices of commercial vehicles, outdoor power units	rhenus LAC 0 NLGI class 0, *
	EP fluid grease for use in central lubrication systems in commercial vehicles	rhenus LDU 02 GR Approved by Delimon, MAN, Willy Vogel AG, Lincoln Tecalemit and Baier & Köppel, among others*
	Wheel-flange lubricant	
Construction machinery, agriculture and forestry	Roller and plain bearings under normal and demanding operating conditions	rhenus LAC 1 NLGI class 1, *
	Roller and plain bearings under normal and demanding operating conditions	rhenus LAC 2 NLGI class 2, *
Cranes, construction equipment, agriculture and forestry	Wire cables, open gears in construction machinery, agricultural equipment	rhenus CAD 2 Combination of synergistically acting white solid lubricants, *

* meets requirements in accordance with CEN TR 16227

rhenus biodegradable lubricants

- **Environmentally friendly**
- **Mineral oil-free**
- **Excellent lubricating effect**
- **Shear-stable**
- **Good adhesion**
- **For heavy loads**
- **Very good capacity for compression properties**
- **Rapidly biodegradable**

**Our biodegradable lubricants.
Many application options.**

rhenus biodegradable lubricating greases can be used in a wide range of areas: in railway transport, agriculture and forestry, at ports, for shipping, for use in construction machinery, etc.

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