

Siebert

Biodegradable lubricating greases



## **Mineral-oil-free and at the same time high-performance: Siebert biodegradable lubricating greases**

In agriculture and forestry, the construction industry and port technology as well as in railway transport, there is a particular demand for greases that are biodegradable and free of mineral oils. This is because petroleum products must not enter the water or the ground. Siebert is ready to meet these demands.

We offer your customers a wide product portfolio of quickly and completely biodegradable lubricating greases that still meet all technical requirements – for long machine service times, better performance and lower consumption.

We invest more than the average in research and development, and more than 20 % of our employees work in this area. They strictly check each raw material and each production batch – so you can guarantee your customers products of consistent quality.

Siebert biodegradable lubricating greases pass the OECD 301 tests and are toxicologically harmless.



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
<b>General lubrication</b>	Lubrication of roller and plain bearings up to max. 80 °C	Bio-Abschmierfett 4901	NLGI class 1 *
	Lubrication of roller and plain bearings up to max. 80 °C	Bio-Abschmierfett 4902	NLGI class 2 *
<b>Heavy duty</b>	Lubrication of highly stressed machine parts at low sliding speeds	Bio-Spezialfett 4928	High affinity for metal surfaces, very good anti-wear properties *
	High-stress plain bearings, mixed-frictional areas	Bio-Schmierfett graph. 4914	Graphite enriched *
<b>Railway</b>	Wheel-flange lubrication Gleitflächen an Weichenanlagen	Bio-Spurkranzschmiermittel 4909	Graphite enriched, REBS approved *
	Rail flank lubricant	Bio-Spurkranzschmiermittel 4926	Can be applied to the track with all conventional stationary lubrication systems *
	Switch plate lubricant	Bio-Weichenschmiermittel 4900	Railway approved, long service life
	Switch plate lubricant	Bio-Weichenschmiermittel 4910	Long service life
	Buffer-plate grease	Bio-Spezialfett 4881	Low temperature grease, white solid lubricants
<b>Drill pipes</b>	Drill-pipe grease	Bio-Spezialfett 4881	Non-drip *
<b>Tunnel drilling machines, locks</b>	Main bearings, sealing grease	Bio-Abdichtfett 4924	Very well suited to central lubrication systems and good sealing properties against water/dirt *
<b>Commercial vehicles, construction equipment, agriculture and forestry, railway</b>	Central lubrication devices of commercial vehicles, open-air power units	Bio-Fließfett EP 4990	NLGI class 0 *
	EP fluid grease for use in central lubrication systems in commercial vehicles Wheel-flange lubricant	Bio-Fließfett EP 4917	Approved by Delimon, MAN, Willy Vogel AG, Lincoln Tecalemit and Baier & Köppel, among others *
<b>Construction machinery, agriculture and forestry</b>	Roller and plain bearings under normal and demanding operating conditions	Bio-Wälzlagerfett EP 7090	NLGI class 2 *

## Impressive facts: Siebert biodegradable lubricating greases

- Mineral-oil free
- Best lubricating effect
- Shear-stable
- Good adhesion
- For heavy loads
- Very good pressure absorption capacity
- Rapidly biodegradable

## Versatile in use

No matter whether in railway, agriculture and forestry, the port industry, shipping, in construction machines, and many other cases – Siebert biodegradable lubricating greases are very versatile.

tunnel-drilling machines    drill pipes  
railway    open gearboxes  
central lubrication systems    power units  
construction machinery    buffer plates  
roller and plain bearings    locks    rail flanks  
wheel flanges    switch plates



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