

## Biodegradable lubricating grease

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The subject of the invention is lubricating grease for use in rail-bound traction, especially for lubricating of rolling surfaces and wheel flanges in railway engineering, and for reducing noise emitted by rail vehicles operated in public transport.

The grease is characterized by its increased antiwear properties which help minimize mechanical wear on friction nodes and also by advantageous rheological properties in low temperatures and high capacity of forcing through centralized grease lubricating systems.



The grease good performance was ensured by properly selected components: base oils composition comprising ester oil of the natural origin and synthetic ester oil and the effective additive package with chemical mechanism of action.

The additional advantage of the lubricating grease according to the invention besides its good performance properties is the high degree of biological degradation of the preparation in soil and ground-water