

# REBS Zentralschmiertechnik GmbH

## Noise and wear

Noise caused by wheels and rails constitutes a considerable burden for local residents. Complaints and demonstrations about the noise of railway vehicles abound in many cities.

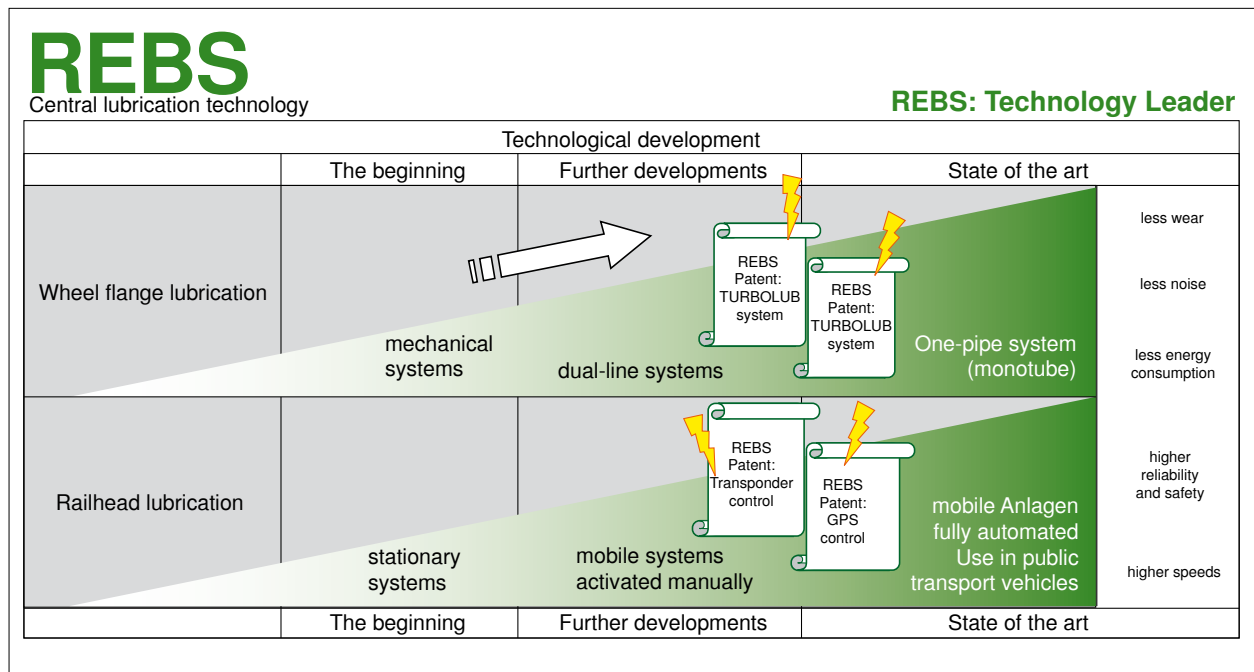
They have a much wider effect than local politics and national legislation. A legal requirement to combat environmental noise has already been created

by European Directive 2002/49/EG. It is expected that public pressure will also be reflected in future policies and legislation.

Railway noise does not just sound terrible; it is also a sign of excessive friction. The resulting wear and increased energy consumption raise costs for rail operators to an intolerable level. But

there is a remedy for noise and wear: innovations and already proven systems from the field of lubrication technology.

Challenges like noise creation and wear can be mastered in an especially effective manner with modern wheel flange and railhead lubrication systems.



The solutions presented here, at the cutting edge of technology, have already been used by customers successfully for many years. This allows for maximum efficiency and customer satisfaction.

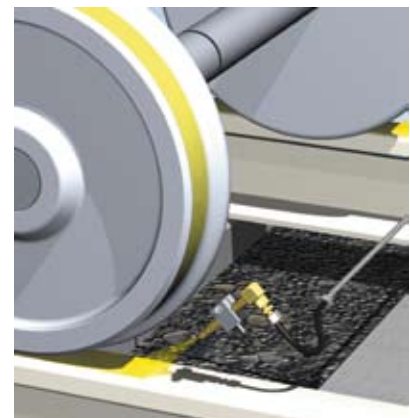
### Experience and innovation lead to the target

REBS Zentralschmiertechnik GmbH was founded in 1948 by the inventor of the progressive distributor, Alexander Aristides Rebs, (1936). The family company is now the leading provider in different areas of centralised lubrication technology. With over 130 employees worldwide, the company continuously develops new and custo-

mised solutions.

REBS Zentralschmiertechnik GmbH has over 60 years experience in the manufacture of lubrication systems for different industrial systems. The company has worked intensively for more than 30 years on the development of wheel flange lubrication and rail lubrication systems with the patented TURBOLUB® system. The company works closely with the Research and Technology Centre of the Deutsche Bahn and its customers include, among others, Bombardier, Siemens, Alstom and transport service companies of many cities. There are about 30,000 REBS wheel flange lubrication systems in operation worldwide. And in

the field of mobile railhead lubrication, the 250th system is already going into operation this year.



REBS technology in use