

## **TURBOLUB® Distributor**

Railway Technology and TURBOLUB Oil-Air Lubrication

### TURBOLUB® Distributor – precision made to measure

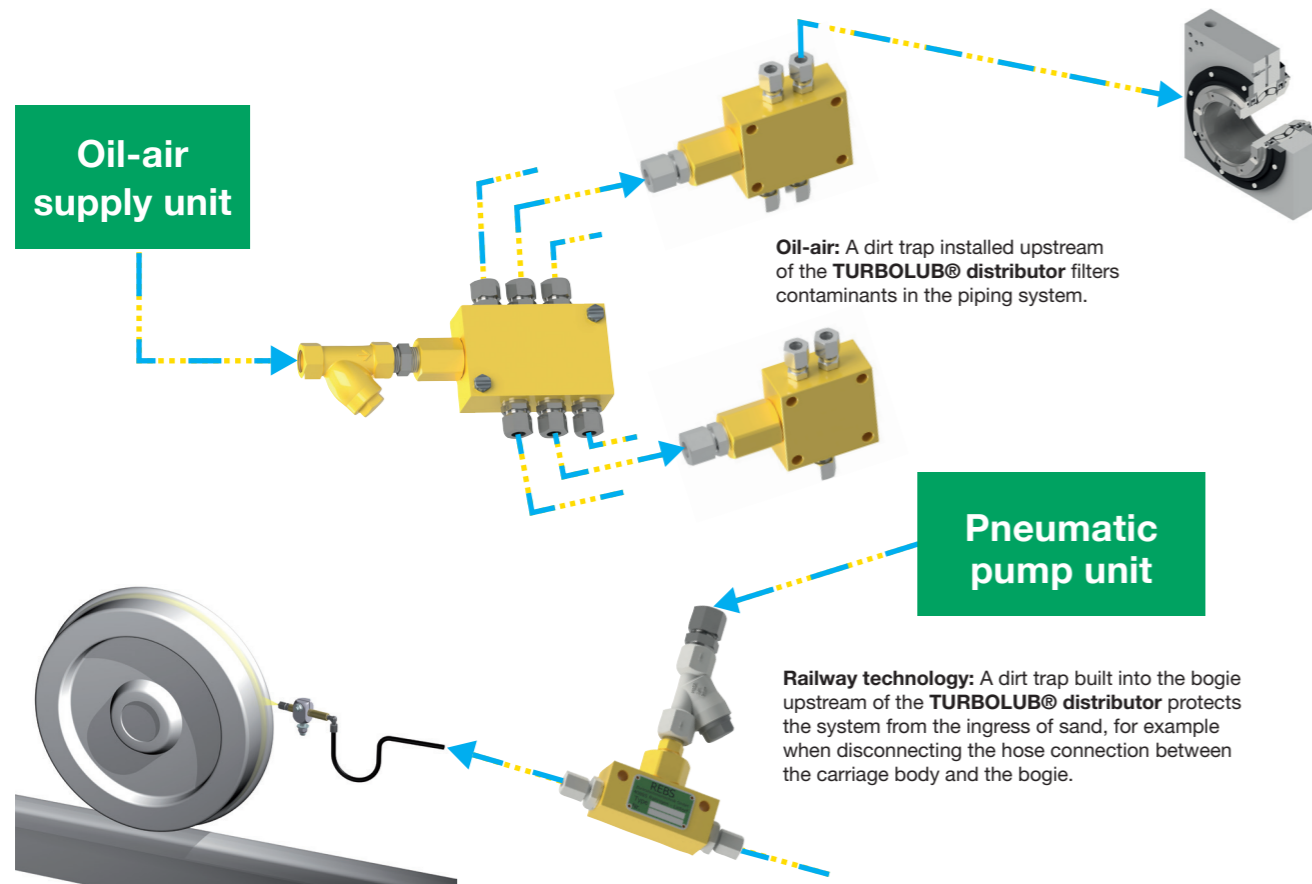
100% Made in Germany

REBS TURBOLUB® distributors and assembly sets are 100% Made in Germany. They are manufactured from high-quality materials and to the highest in-house standards for continuous industrial operation, and are individually designed according to customer requirements. TURBOLUB® distributors set standards in oil-air lubrication technology and ensure even distribution of lubricant, even under extreme operating conditions. TURBOLUB® assembly sets are tailored precisely to each application.

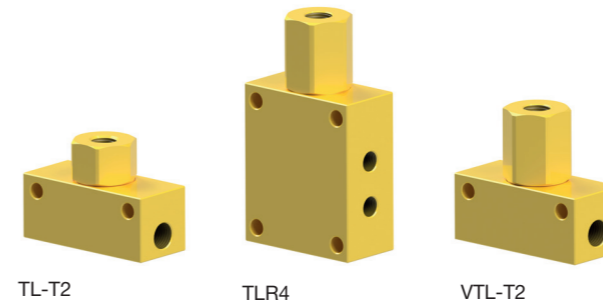
The result? TURBOLUB® distributors enable – with minimal consumption – the precisely metered, loss-free and reliable distribution of lubricant to multiple consumption points/lubrication points. Thanks to their robust design and innovative technology, TURBOLUB® distributors contribute to a longer service life, lower maintenance costs and optimum lubrication at each and every lubrication point. With minimal maintenance requirements, they also ensure maximum operational reliability.

#### Advantages of REBS TURBOLUB® distributors

- ▶ No moving parts
- ▶ Significantly reduced repair costs
- ▶ Simple installation
- ▶ Very well suited for high temperatures
- ▶ Considerable reduction of lubricant consumption (compared to other types of lubrication)
- ▶ Very well suited for high loads and high speeds
- ▶ Return function, optional return possible

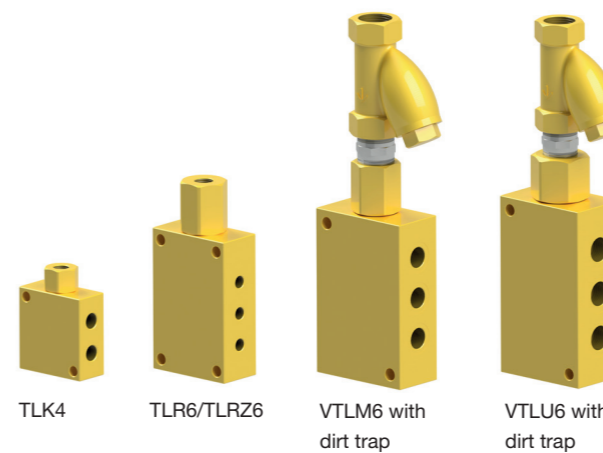


### TURBOLUB® Distributor for Railway Technology



TURBOLUB® distributors are usually installed in the bogie and meter the lubricant reliably and evenly on two or more wheel flanges.

### TURBOLUB® Distributor for Oil-Air Lubrication



The modular design of TURBOLUB® distributors allows for maximum flexibility when it comes to planning and integration. Different designs offer tailored solutions for various applications in mechanical and plant engineering.

The TURBOLUB® pre-distributor makes it possible to connect a defined number of lubrication points via a central coupling point. Coupling points can also be monitored by REBS's special flow control system.

For aggressive environments, a model series made of 1,4404 stainless steel is available

### TURBOLUB® Assembly Sets



In rolling mills and some continuous casting plants, there is only limited space to install TURBOLUB® distributors.

The solution for this is the REBS TURBOLUB® assembly sets, comprising TURBOLUB® cartridges and individually adapted spacers that are designed to fit perfectly into the available installation space of the roller bearing housing. This ensures that the bearing's lubrication points are precisely supplied with lubricant.

TURBOLUB® assembly sets can be connected via just one coupling point, such as an insert, enabling rapid roller replacement. The assembly sets can be precisely adapted to the inlet bores between the rows of bearings.

If required, a pressure relief valve can be used to ensure the oil-air flow.

TURBOLUB® distributor Railway technology division				TURBOLUB® distributor Oil-air product division			
Accessories	TL-T2	TLR4	VTL-T2	TLK	TLR/TLRZ	VTLM	VTLU
Brass	x	x	x	x	x	x	x
Dirt collector	x	x	x	–	x	x	x
Outlets per distributor	2	4	2	2–4	2–10	2–8	2–9
Inlet	G1/4	G1/4	G1/4	G1/4	G1/4	G1/2	G3/4
Outlet	G1/4	G1/8	G1/4	G1/8	G1/8	G3/8	G1/2
Suitable for the following applications	Wheel flange lubrication Rail head treatment	Wheel flange lubrication	Wheel flange lubrication	Textile industry	Rolling tables Auxiliary rollers Rolling mills Wire rod continuous casting plants Bar steel mills	Rolling tables Auxiliary rollers Rolling mills Wire rod continuous casting plants Bar steel mills	Continuous casting plants Rolling tables

TURBOLUB® assembly sets – Oil-air product division				
Accessories	TLEB TLED	TLEBU TLEDU	TLESB TLESC TLESD	TLESBU TLESCU TLESDU
Brass	x	x	x	x
Inlet filter	x	x	x	x
Pressure relief valve for sealing the bearing housing	x	x	x	x
Available outlets	2–6	2–6	2–7	2–7
Installation direction	forwards	inverted	forwards	inverted
Diameter	Dia. 25	Dia. 25	Dia. 15	Dia. 15
Suitable for the following applications	Rolling mills	Rolling mills	Rolling mills Hot levelling machines Continuous casting plants	Rolling mills Hot levelling machines Continuous casting plants

We would be happy to develop the appropriate TURBOLUB® assembly sets to meet your requirements – fully customised.

