



## TERRASOL 150 WT



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**TERRASOL 150 WT** is a rapidly biodegradable special oil which has been developed for the railway industry, especially for the lubrication in the area of switches.

**TERRASOL 150 WT** contains additives which prevent oxidation, reduce wear and grant at the same time very good lubricating properties and adhesive capacities.

### Special properties

- Easily biodegradable
- Excellent wear protection
- High oxidation resistance
- Good corrosion protection
- Very good adhesive properties

Product Characteristics	Value	Dimension	Norm / Standard
Colour	yellow, clear		
Density at 20°C	0,93	g/cm <sup>3</sup>	DIN 51757
Operating temperature range	-25 to 120	°C	
Oil type	ester		
Kinematic viscosity at 40°C	150	mm <sup>2</sup> /s	DIN EN ISO 3104
Kinematic viscosity at 100°C	22	mm <sup>2</sup> /s	DIN EN ISO 3104
Viscosity index (VI)	174		DIN ISO 2909
Pour point	-30	°C	DIN ISO 3016
Flash point	≥ 250	°C	DIN EN ISO 2592

### Application

**TERRASOL 150 WT** can be used for all kinds of switches in the area of rail-guided vehicles.

Switches of main-line tracks, Metro railways and trams can be successfully lubricated in the areas of sliding plates, as well as in locking devices and sliding rods.

For the **TERRASOL-series** a **special mobile applicator** was developed, that is able to apply safely and easily the different oils respectively oil combinations with solid lubricants.

If required the applicator can be presented and provided.

### Lubrication intervals

Compared with conventional lubricating oils the relubrication intervals can be extended several times. When using the product as an alternative to lubricating grease, the relubrication intervals are nearly the same, but the cleaning intervals are extended by a multiple.

### Packaging units

6 x 5 l canister, 20 l canister, 60 l drum, 200 l drum, 1000 l container

The products are subject to continuous strict production controls and comply with our own factory specifications. A warranty for each case cannot be given, due to the variety of relevant factors. Therefore, we recommend the implementation of field tests. Herewith, any liability is expressly excluded.

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