



**4-axle rail tank car 63m<sup>3</sup>, heated, insulated, for the transport of heavy petroleum products**

**Wagon type  
MB540-630**

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## TECHNICAL DATA

### 1. General

Serie: Zaes  
Own weight: ca. 24,5 t,  
Axle load: 20,0 t

Limits load  
(with an own weight 24,5 t):

	A	B	C
S	39,5 t	47,5 t	55,5 t

Type of brake: KE-GP 14"  
Minimal curven radius: 60 m

### 2. Running gear

Boggies: G56  
Wheelsets: monoblock, 985 mm

### 3. Tank

Capacity: 63-65 m<sup>3</sup>  
Material: Steel 1312 (SIS)  
Design pressure: 1,35 / 1,5 bar  
The tank RID-code: LGBF / L1,5BN  
Heating: heating steam inside the tank, 8 pieces of heatings pipes, heating surfance ca. 25 m<sup>2</sup>  
Insulation: 80 mm mineral wool  
Residue emptying: -  
Forced ventilation: -  
Gas pendoleum: -



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**4. Loading and unloading devices**

Filling manhole: 1-screw DN500, in top of tank  
 Bottom valve: DN100 „Gestra“ operated from the upper platform  
 T-pipe: DN100, heated  
 Discharging valves: 2 pcs. of the ball valves / angle-seat valves DN100 with connection M130x6

