



**4-axle rail tank car 63m³, heated, insulated,
for the transport of heavy petroleum products**

**Wagon type
MB540-631**

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TECHNICAL DATA

1. General

Serie: Zaes
Own weight: ca. 23,5 t,
Axle load: 20,0 t

Limits load
(with an own weight 23,5 t):

	A	B	C
S	40,5 t	48,5 t	56,5 t

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

2. Running gear

Boggies: G70
Wheelsets: monoblock, 920 mm

3. Tank

Capacity: 63 m³
Material: Steel 1312 (SIS)
Design pressure: 1,5 bar
The tank RID-code: L1,5BN
Heating: heating steam inside the tank, 8 pieces of heatings pipes,
heating surfsance ca. 25 m²
Insulation: 100 mm (mantle tank) / 120 mm (bottoms) mineral wool



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Residue emptying: partially – through the use of low bottom of the tank in the middle part of the tank

Forced ventilation: -

Gas pendoleum: yes

4. Loading and unloading devices

Filling manhole: 1-screw DN500, in top of tank

Bottom valve: DN100 „Gestra“ operated from the down (from the track level)

T-pipe: DN100, heated

Discharging valves: 2 pcs. of the ball valves DN100 with connection M130x6

