



**4-axle rail tank car 85 m<sup>3</sup>  
for the transport of light petroleum products**

**Wagon type  
L85-F7**

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**TECHNICAL DATA**

**1. General**

Serie: Zas  
Interoperability-Code: 33 RIV  
Country of registration: 87 F  
Manufacturing year: 1978-80  
Length over buffers: 14 630 mm  
Distance between bogie center: 9 590 mm  
Own weight: ca. 21,0 t  
Axle load: 20,0 t

Limits load:  
(for own weight: 21,0 t)

	A	B	C
S	43,0 t	51,0 t	59,0 t

Type of brake: KE-GP 14"/ O Ch-GP 14"  
Handbrake: yes  
Brake force of the handbrake: 24,0 t / 26,0 t

**2. Running Force:**

Gauge bogie: 1800 mm  
Bogies: Y25Cs  
Wheelsets: 920 mm, monoblock



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**3. Tank**

Capacity: 85 m<sup>3</sup>  
Material: structural steel E24-2 (equivalent 1.0037)  
The tank RID-code: LGBN/L4BN  
Heating: no  
Insulation: no  
Emptying residues: no  
Gas pendulum: no  
Forced ventilation: yes  
Safety valve: yes

**4. Loading and unloading devices**

Filling manhole: 4-screw DN 500, on the top of tank  
Bottom valve: DN 100 opened mechanically from the down of wagon  
T-pipe: DN 100  
Side valves: 2 pcs. DN 100 ball valves with W 5 ½ " or M130x6 thread connection.