

Tank car for transportation of foodstuffs, model 15-9993-01



Description

A new generation tank car possesses improved technical and economic characteristics when compared to conventional analogues.

Bogies have axle load of 25 t and carrying volume has been increased to 88 m³, ensuring best-possible use of 73.3 t load capacity (8 t more than standard freight cars). Innovative design features of the tank car include the use of polymer materials on contact surfaces of the sill. Unlike the wooden beams used on older freight cars, these materials are resistant to degradation by the environment, improving reliability and safety. Another advantage of the new model is the extension of standard time between depot repairs. The service life of the new freight car is 30 years.

Designed by: All-Union Research and Development Centre for Transportation Technology, LLC.



Specifications

Technical specification	Model 15-9993-01
Payload capacity, t	73.3
Tank space, m ³	88
Tank internal dimensions, mm	3,240
Tare weight, t	26.4 ^{+0,3} _{-0,9}
Gabarit as per GOST 9238-2013	1-T
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245 (25)
Service life, years	30
Regulatory overhaul period, up to mln km (years)	1 (8)
Cargoes	

Cargo	UN Cargo code
Rectified ethyl spirit	