

Tank car for transportation of oil and oil products, model 15-9993



Description

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

The boiler space increased to 88 m³, as well as the payload of 73.3 t enables the freight car to transport all kinds of petroleum products with a density during the filling of up to 1.03 t/m³ resulting in additional economic benefit. The tank car design features a boiler with a “broken” axis, ensuring maximum draining of the tank. An increased run time between repairs is a significant competitive advantage of the freight car of model 15-9993, which allows cutting down the cost of the freight car life cycle by almost 3 times. The freight car service life is 32 years.

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





Specifications

Technical specification	Model 15-9993
Payload capacity, t	73.3
Boiler space, m ³	88
Boiler internal dimensions, mm	3,240
Tare weight, t	26.4
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 (25)
Service life, years	32
Regulatory overhaul period, up to mln km (years)	1 (8)
Cargoes	

Cargo	OOH code cargo
Нефтеналивных грузов плотностью при наливе до 1,03 т/м ³	
Other cargoes	O/R