

Tank car for transportation of molten sulphur, model 15-6913



Description

Within the UWC range of tank cars, this is one of the most technically sophisticated models: it features a stainless steel boiler, double casing thermal insulation, an air gap for heating the product and electric heating system.

The new generation tank car with the boiler made of rust-resisting steel possesses improved technical and economic characteristics in comparison with the analogues available on the market. The undercarriage with an increased axle load and boiler space of 44 m³ (+5,5 m³ compared to standard models) provides for the enhanced freight car payload capacity of 72 t (+9 t of extra freight with 1/8 t/m³ soildity compared to mass models). An increased run time between repairs (1 mln km or 8 years) is a significant competitive advantage of the freight car of model 15-6913, which allows cutting down the cost of the freight car life cycle by almost 3 times.

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



Specifications

Technical specification	Model 15-6913
Payload capacity, t	72
Boiler space, m ³	44
Boiler internal dimensions, mm	2,400
Length over coupler pulling faces, mm	12,020
Tare weight, t	27.5 ± 0.5
Gabarit as per GOST 9238-2013	1-BM
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
Molten sulfur	2448
Other cargoes	O/R