

Aluminum tank car for transportation of chemically active substances, model 15-6901



Description

A new generation tank car for the transportation of concentrated nitric acid and other chemically active substances is equipped with an aluminum boiler.

An increased run time between repairs is a significant competitive advantage of the freight car of model 15-6901, 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 15-6901
Payload capacity, t	75
Boiler space, m ³	54.78
Tare weight, t	24.5
Length over coupler pulling faces, mm	12,020
Gabarit as per GOST 9238-2013	02-BM
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.25 (25)
Service life, years	40
Regulatory overhaul period, up to mln km (years)	1 (8)

Cargoes

Cargo	OOH code cargo
Nitric acid (other than red fuming nitric acid) at concentrations above 97.5% (concentrated nitric acid, GOST 701-89)	2031
Stabilized vinyl acetate	1301
Formaldehyde solution containing at least 25% formaldehyde	2209
Other cargoes	O/R