

Tank car for transportation of LPG, model 15-6855



Description

A new generation tank car for the transportation of liquefied petroleum gas with a volume of 86,7 m³.

This freight car features an increased boiler space compared to existing analogues in operation, which makes it possible to carry the loads with higher weights. An increased run time between repairs is a significant competitive advantage of the tank car of model 15-6855, which allows cutting down the cost of the freight car life cycle by almost 3 times. The tank car service life is 40 years.

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

Producer: TikhvinChemMash, JSC.





Specifications

Technical specification	Model 15-6855
Payload capacity, t	61
Boiler space, m ³	86.7
Boiler internal dimensions, mm	3,220
Length, mm	12,020
Tare weight, t	37.9
Boiler 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	40
Regulatory overhaul period, up to mln km (years)	1 (8)

Cargoes

Cargo	ETSNG Code
Propylene (propene)	711374
Propylene fraction	226286
Unstabilized casinghead gasoline	226017
Butane-butylene fraction	226163
Butylene-amylene fraction	226178
Butylene-butadiene fraction	226182
Butylene-isobutylene fraction	226197
Propane-butane fraction	226267
Propane-propylene fraction	226271
Natural gas liquids (NGLs)	226290
Propane	226125
Propane-butadiene mixture	226159
Inhibited butadiene	488123
Butane or butane mixtures	226040
Butylene (butene-1)	711073
Pseudobutylene	711389
Isobutylene (1-methyl propene)	711209
Isobutylene fraction	226229
Butylene fraction	226201
Isobutane or isobutane mixtures	226093
Other cargoes	O/R