

## Tank car for transportation of treacle and vegetable oil, model 15-6900-04



### Description

The 15-6900-04 tank car is designed to carry treacle and vegetable oils on 1500 mm gauge mainline railways. The range of goods which can be transported includes some 30 products of the food processing industry, from starch products to vegetable oils.

The use of a stainless steel tank design protects the freight ensuring the quality of both by-products and prepared goods remains unaffected throughout the transportation process. If requested by the customer, the interior surface of the tank may be subjected to a combined (both mechanical and chemical) treatment bring the car in conformity with global quality standards. The use of a steam heating system and a bent-axis tank allow for the maximum possible discharge of product under different temperature conditions.

The treacle and vegetable oil tank car is fully compatible with the existing infrastructure and can be handled at all types of loading and unloading terminals.

Developer: All-Union Research and Development Centre for Transportation Technology

Producer: TikhvinChemMash

### Specifications

Technical specification	Model 15-6900-04
Payload capacity, t	74.4
Boiler space, m <sup>3</sup>	56
Tare weight, t	24.9
Length over coupler pulling faces, mm	12,020
Wheel base, mm	7,800
Length over coupler pulling faces, mm	4,221
Maximum car width, mm	2,965
Gabarit as per GOST 9238-2013	01-BM
Bogie model	18-9855
Estimated static load from the wheel set on rails, kN (tf)	245.25 (25)
Regulatory overhaul period, thousand km (years)	500 (6)*
Service life, years	30

### Cargoes

Cargo	OOH code cargo
Molasses (beet treacle)	515091
Starch, glucose and corn treacles	515119
Maltose treacle	515123
Unenumerated treacle	515138
Various syrups	581303
Starch and treacle products	515000
Malt extract	516554
Vegetable oil and its fractions	556000
Peanut oil	556022
Mustard oil	556049
Almond oil (from almond nuts and fruits)	556068
Cedar oil	556087
Coconut oil	556091
Hemp oil	556104
Coriander oil (non-essential)	556119
Corn oil	556123
Sesame oil	556138
Linseed oil	556142
Poppy seed oil	556157
Industrial nut oil	556176
Palm oil	556180
Palm kernel oil	556195
Sunflower oil	556208
Rapeseed oil	556227
Saffron oil	556231
Safflower oil	556246
Soybean oil	556250
Colza oil	556265
Cottonseed oil	556299

\*Depending on test operation results, the standard overhaul period may be extended to 1 million km or 8 years.