PERFORMANCE INDICATORS OF VEHICLES USED IN INTERNATIONAL CARGO TRANSPORTATION

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Annotation.The complex of planning and management issues related to the movement of goods from one place to another is the subject of transport logistics. It is possible to reduce transport costs due to the use of new transport technologies, reorganization of transport infrastructure and integration of transport systems.

Key words Delivery, Mixed transportation, Lifting and transportation equipment, body-tank motor vehicle, container-tank.

Enter. The complex of planning and management issues related to the movement of goods from one place to another is the subject of transport logistics. It is possible to reduce transport costs due to the use of new transport technologies, reorganization of transport infrastructure and integration of transport systems. As the main tool in this process, several types of transport can be used in the delivery of goods. There is a general scheme that allows you to determine the main characteristics of each type of transport. The main part. Mixed transportation is the process of transportation of a consignment from the point of departure to the point of destination, in which at least two types of transport are used. Mixed transportation with the participation of transport infrastructure enterprises, if such enterprises will be connecting links between carriers, or without their participation, in which the cargo is sequentially transferred from one carrier to another, from one type of transport to another possible By means of such a system of delivery, the terms "for a certain period" and "door to door" are fulfilled.

Grouping of types of international transportation, according to the form and conditions of their organization. The following additional features of mixed transportation can be distinguished:

1. Use of at least two types of transportation in the process of transportation with mutual coordination;

2. Transport is organized and carried out by one person - mixed transport operator.
3. The relationship between the customer of collective transport service and the executor (combined transport operator) is regulated on the basis of one contract.
4. Mixed transportation can have an international status. In this case, the points of receiving and handing over the cargo will be located in the territory of two different countries. The use of network models for planning mixed cargo transportation is the most relevant [1,3]. Network models are an important class of optimization problems that intersect with scheduling problems. The method of network planning is based on initial information, showing the start dates of each work of the complex, calculating the time required to complete the entire set of works, the extremely necessary works, the failure of which will lead to a change in the time of completion of the entire complex, and the stops in them allow to determine the non-essential work that does not have a big impact on the overall duration of the complex. Trucks, which refer primarily to vehicles used to transport goods, sometimes to vehicles that propel other vehicles, belong to the category of commercial vehicles. Generally, it can be divided into heavy and light parts according to the weight of the vehicle. Most trucks are powered by diesel engines, but some light trucks use gasoline,gasoline, or natural gas.

Classification of trucks

- Trucks are divided into mini trucks, light trucks, medium trucks and heavy trucks based on their tonnage.
- Minitruck: Total mass less than 1.8 tons
- Light trucks: total mass 1.8-6 tons
- Medium truck: the total mass is 6-14 tons
- Heavy trucks: total mass over 14 tons

Buying a truck

Here are five things to consider when considering buying a heavy-duty truck:

• Heavy truck operating environment and truck separation plan. Before choosing and buying, first of all, we need to clearly define the types and characteristics of choosing and buying heavy trucks for transportation.

• Heavy truck fuel consumption should be considered.

• Specifically look at heavy duty truck performance such as truck type, width, height, vehicle materials, manufacturers, sales records, return warranty level, engine model, performance, power and manufacturers, etc. .

• When selecting and purchasing heavy trucks, stakeholders should seriously consider the humanized conditions of heavy trucks from the perspective of relevant laws and regulations.
• When choosing and purchasing, the color, color, model, interior and exterior appearance, style and fabric quality of the driver and passenger seats should be carefully checked, including the decoration of the cabin.

Truck driving safety

• If there is a thunderstorm, it is better to put the external antenna of the vehicle and not use the mobile phone frequently to avoid lightning.
• Keep the correct distance from the vehicle in front. Light rain should not be less than 100 meters, heavy rain should not be less than 200 meters.
• Before driving at high speed, carefully check the condition of the vehicle, especially the wiper, light, tire pressure, vehicle braking, etc.

Maintenance of trucks

• Paint surface: There is more rain in spring. The acid in the rain will damage the car's paint surface. We should get into the habit of washing and waxing after rain.
• Interior decoration: Interior cleaning is an important task of seasonal maintenance, clean and comfortable interior, which will give you a new feeling.
• Chassis: After returning from a long vacation, carefully inspect the chassis for scratches. If so, timely sealing and rust prevention is necessary.
• Cooling system: Clean the engine water jacket, remove the gauge from the cooling system, check and adjust the efficiency of the thermostat.
• Oil: If the viscosity of the oil you are using is too high, it should be changed to summer oil in time.
• Battery: Check if the battery is working well. If necessary, go to a service station for inspection.
• Tires: A car tire is one of the most tireless parts when driving, so when you return from a long trip, you should systematically re-inflate the tire, preferably on four wheels.

Lifting and handling equipment are machines and equipment that are constantly used for lifting and transporting goods, personnel and materials at workplaces and are structurally dangerous from the point of view of working conditions.

This equipment is a work tool that can be under constant supervision and control due to its proximity to employees and their dependence on their use. Many accidents occur in our country as a result of abuse of removal and transmission tools.

Inspection of lifting and transportation equipment should be carried out at least once a year. Make sure that regularly inspected lifting and handling equipment inspections are impartial and reliable, and that the inspection company is accredited.

The need for periodic control of lifting and transportation equipment; 2, Annex III of the Regulation on health and safety in the use of work equipment. 2.2. (Lifting and handling equipment) and sub-paras.

Management of lifting and transportation equipment; If the standards do not specify otherwise, the lifting and transportation equipment is carried out with a load of at least 1.25 times. In addition to this load test, the relevant regulations must require that the equipment can be lifted and suspended effectively and safely, and that it has adequate brakes to withstand this load.

The periodic control intervals and criteria of lifting and transportation machines. If these issues are not determined by the manufacturer, the results of the risk assessment should be made by labor protection specialists, periodic control of work equipment, taking into account factors such as environmental conditions at the workplace, frequency of use and duration of use. is carried out in the time interval determined according to. The specified periodic control interval should not exceed one year, with the exception of the exceptions specified in this Regulation.

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