

# Transportation of oil and oil product. Requirements for technical equipment of vessels.

## Oil transportation rules.



Presentation prepared  
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# Transportation of oil and oil product

Transportation of oil and oil products in this way is very economical. Its share in the total volume of oil transportation is approximately 13 percent.

Inside our country, marine transportation of petroleum products is used in the Black Caspian, Azov, Okhotsk, Japan and Baltic Seas.

The main advantage of maritime transport is the low cost of delivery, which is provided by the use of large vessels during transportation over long distances.



# Transportation of oil and oil product

To perform operations for pumping oil and gas, as well as for internal pumping is the pump (engine) department, which is equipped with cargo pumps.

Oil products are pumped and pumped through a system of pipelines connecting the engine room with compartments. When loading, it is ensured that the tanks are filled in full in order to avoid spontaneous movement of petroleum products when pumping the tanker.



# Requirements for technical equipment of vessels

Annex I to the MARPOL Convention entered into force on October 2, 1983 and concerns the discharge of oil into the ocean environment. It determines the design features of the tanker, designed to minimize the discharge of oil into the ocean during the operation of vessels and in case of accidents. It provides rules for the processing of bilge water in the engine room for all large commercial vessels and ballast and tank cleaning waste. It also introduces the concept of “special marine areas”, which are considered to be at risk of oil pollution.

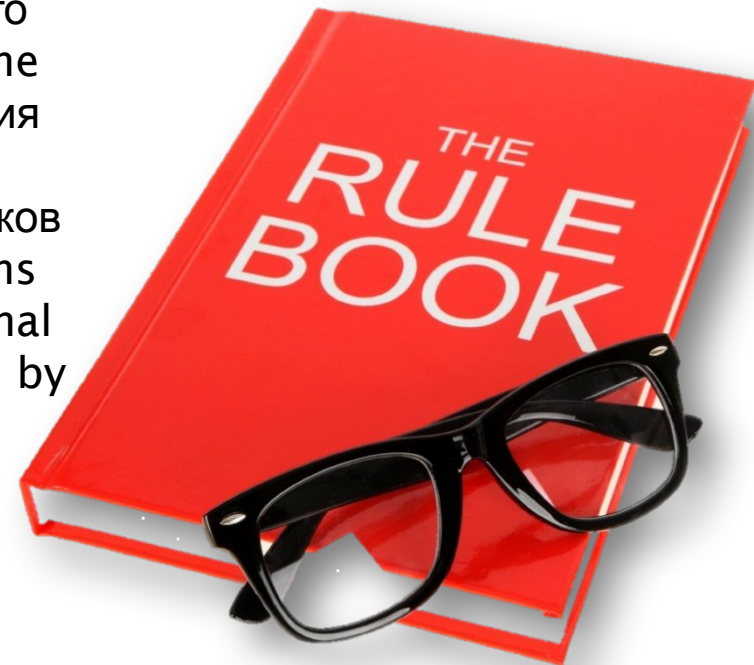




# Oil transportation rules

Oil is any persistent hydrocarbon mineral oil, including crude oil, fuel oil, heavy diesel and lubricating oils, regardless of whether it is carried on board a vessel as cargo or in fuel tanks.

The rules for the transport of petroleum products are governed by the internal laws of the Russian Federation (the Code of Inland Water Transport of the Russian Federation (Кодекс внутреннего водного транспорта РФ), the Merchant Shipping Code of the Russian Federation (Кодекс торгового мореплавания РФ), the Charter on the Discipline of Maritime Transport Workers (Хартия о дисциплине работников морского транспорта)) and international regulations (1973). 1978 (MARPOL 73/78) and the International Convention for the Prevention of Marine Pollution by Oil (OILPOL)).



# Oil transportation rules

Rules for the sea transportation of oil and oil products in bulk on tankers

1. Smoking, use of matches, lighters and open fire on a tanker, when there is a cargo of petroleum products on board or tank cleaning and decontamination work is performed, and on a non-degassed tanker, it is allowed only in specially designated smoking rooms equipped for this purpose.
2. If the tanker is not degassed, it is prohibited to use steel mooring ropes on the cargo deck.
3. Crew members involved in cargo operations and working in the cargo deck area should not carry matches and lighters.

Thank you  
for your attention