

# T-6 Mobile equipment for POL

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## Literatura

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# INTRODUCTION

The requirement for security of PLO especially during crisis situations is not possible to complete in the appropriate quality and quantity without the use of automobile tanks. Each unit, where is assumption of operations in field conditions and who own diesel technology has also within the equipment range of vehicles included automobile tanks.

The design and technical and technological equipment must now also comply with all requirements of applicable legislation. In this context, mention may be made especially requirements for operation on public roads in accordance with the ADR (European Agreement concerning the International Carriage of Dangerous Goods), which must be respected even on public roads in the country

# 1. DETERMINATION OF TANKERS

## DETERMINATION OF TANKERS

Tankers are in the process of supplying fuel in peace and fight conditions irreplaceable. It is involved in the transport and replenishment of fuel and also for creating a mobile capacity for pumping.

In peace conditions, at department, APH can secure part of transport from filling points on rail to storage tank units.

## 2. BASIC REQUIREMENTS FOR AC

### Mobility

It is required to keep throughput of tankers with APH close to throughput of military equipment.

### Kapacitní a výkonové parametry účelové nástavby

Own motor powered pump;

Suction ability of pump must allow suction from all stationary stores;

flow on one filling branch at APH at least 150 l.min<sup>-1</sup>

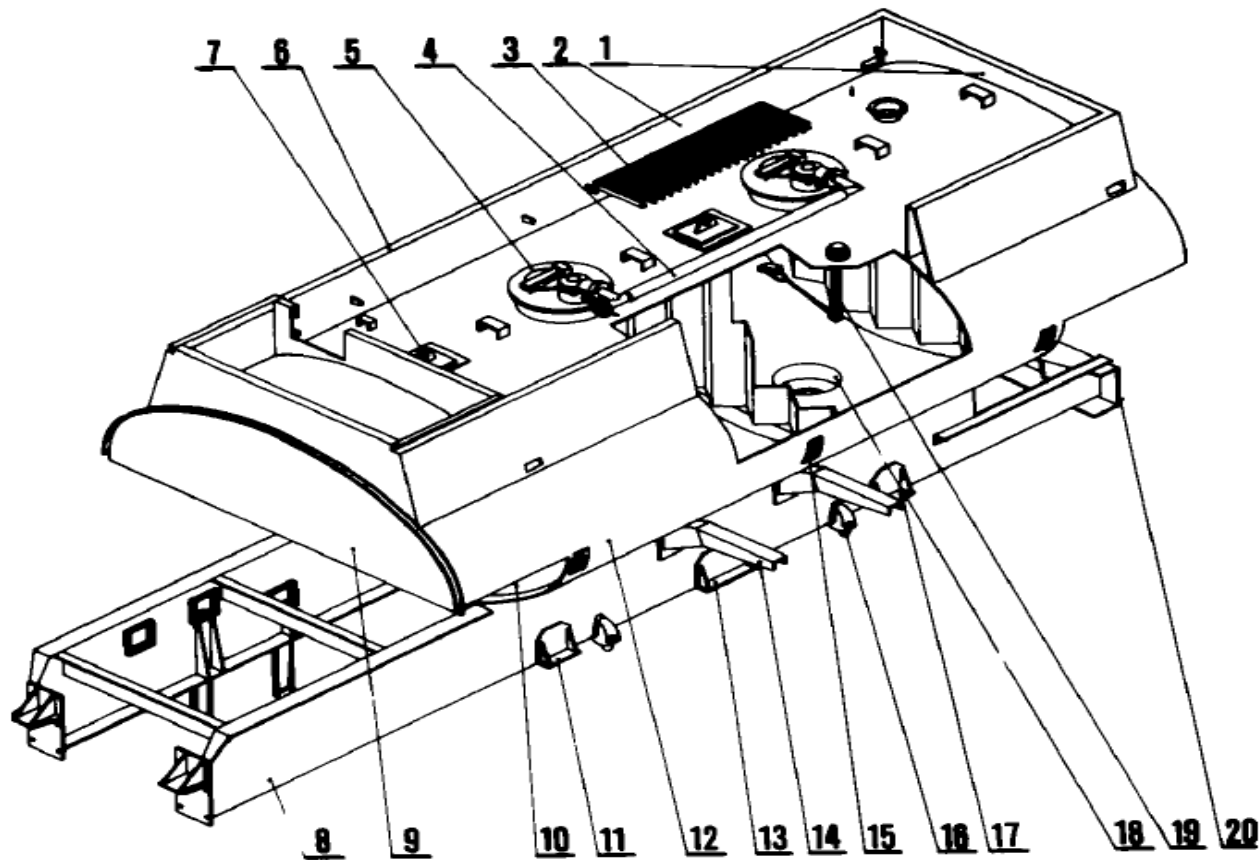
## 2. BASIC REQUIREMENTS FOR AC

### Tatra T-815 6x6 CAP-6

The vehicle is intended to replenish tanks of ground equipment by measured and filtered PLO and oils. It also serves to transport, storage, pumping fuel and heating oil. Tank trucks weighing 11,500 kg is placed on the chassis of Tatra T-815 VP11 20,235 6x6.1R during high cross, which is derived from the basic lorry car VVN. Pump model 100-S-LVN-4 / IV-D-10 is self priming centrifugal horizontal four-speed with mechanical seals. Pump drive is separated from the engine by gear hydraulic motor via a flexible coupling

## 2. BASIC REQUIREMENTS FOR AC

### Scheme of tank





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### Tatra T-815 CAPL-16

Tanker for transporting and filling aircraft fuel, then the transport, storage and pumping fuel. Filling planes can be made with pressure end of 20 meters long hose, but also with classic filling pistol, which has its own hose. Fuel tank is made of fiberglass polyester of thickness 6.5 mm and bottom thickness of 7.5 mm and is divided into three chambers with different volumes. Pump model 100-S-LVN-4 / IV-D-10 is self priming centrifugal horizontal four steps with mechanical seals, and is connected to a motor reduction gear. Another equipment is the pneumatic filling hose winder.



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### Tatra T-815 6x6 CAPL-16M

Tank truck – filler of air equipment has been designed for filling tanks of aviation technology by aviation oils ( kerosene, gasoline). Tank truck meets the requirements of the European Agreement concerning the international carriage of dangerous goods ADR 3, environmental requirements for operation of motor vehicles on public roads EURO III and the specific requirements of military service within the Armed Forces and the armed forces of NATO.

## 2. BASIC REQUIREMENTS FOR AC



# CONCLUSION

Tankers requires consistent maintenance of trained staff.

The competence of the operators is an essential prerequisite for the safe operation of tankers.