



# HIRE, MANAGEMENT, MAINTENANCE AND CLEANING OF RAILCARS, ENGINES, TANKERS AND FREIGHT VEHICLES



AWT offers complex services related to the hiring and management of rolling stock and vehicle fleets. A high level of professional quality coupled with more than thirty years of experience place us among the top representatives in the industry.

## SERVICES RENDERED

- Railway engine maintenance and management
- Railcar maintenance and management
- Railcar hire
- Steaming and cleaning stations for railcars and freight vehicles
- Cleaning of rail tankers
- Cleaning of tanker trucks and containers
- Hazardous waste handling and wastewater treatment

### Railway engine maintenance and management

The management of the railway engine pool focuses on meeting the needs of internal customers. Engines are hired in a "full service" fashion, i.e. complete with maintenance and repairs. Unallocated engines are rented out to external customers. Our company currently manages 161 railway engines of various types.

### Railcar maintenance and management

Management of a railcar fleet covers:

- Our own railcars
- Railcars owned by third parties hired for internal customers
- Railcars hired for external customers
- Railcars operated by internal customers-forwarders (forwarders' cars)

The key objective is to ensure the maximum operational efficiency of the available fleets. In technical terms, it mainly includes the as rapid as possible returning of railcars to operation following maintenance, repairs or extraordinary events. A team of



technicians guarantees the performance of professional repair work and the clear determination of a cause of failure. We also safeguard the reception of railcars and their submission for repairs, acceptance following repairs, hiring out and hiring. Our services are best described by the term "full service".

### Railcar hire

Another key area is the hiring out of available railcars from our fleet as well as seeking out available cars on the market to hire for both external and internal customers. On the markets of central and eastern Europe, we mostly operate high-sided, covered, tanker, hopper and flatbed railcars. Our customers are predominantly prominent forwarders and regional industrial corporations.

We build long-term relationships with our partners based on mutual trust and respect. Our suppliers can rely on a strong partner with extensive experience in the field of railcar hire and management. We provide our customers with high-quality and tested railcars as well as highly qualified and flexible services.

Our goal is to satisfy the needs of our customers in terms of service quality as well as efficiency and the promptness of our responses to any unexpected circumstances. Our fleet numbers in excess of 6 000 cargo railcars (our own and hired).



### Steaming and cleaning stations for railcars and freight vehicles

We provide cleaning services for railcars (tanker and other types), tanker trucks, mobile and fixed tanks, the separation of oil from water, the disposal of waste materials, and the collection of used oils. We carry out the cleaning processes in environmentally safe areas operating our own waste management system, including wastewater treatment, and disposal of residues and hazardous materials. When cleaning rail tankers, we use our own siding within guarded premises and offer free parking for railcars taken in for cleaning. After completion, we deliver the cleaned railcars in accordance with the customer's specifications. The operation was started more than thirty years ago and our employees boast a wealth of experience in the areas mentioned above. We also carry out regular repairs and pressure tests for rail tankers in line with RID.

### Technologies for cleaning rail tankers

- Removal of residues (drainage, suction, mechanical removal)
- Cleaning with steam, hot pressurised water with a rotary spray head and the possibility of solvent additions, cleaning with a hot pressurised solvent, and manual final cleaning
- Our cleaning capacity is approximately 10 rail tankers a day, depending on the material transported, the degree (extent) of cleaning required, and the amount of residues
- The extent and quality of cleaning complies with regulation ČD – V73, and/or the customer's specifications; all cleaned cars receive a certificate of cleanliness in the form of the European Cleaning Document (ECD)

### Cleaning of tanker trucks and containers

- Removal of residues (drainage, suction, mechanical removal)
- Cleaning with steam, hot pressurised water with a rotary spray head and the possibility of solvent additions, and manual final cleaning
- Capacity of approximately five tanker trucks a day
- All cleaned tanker trucks are issued with the ECD certificate

### Hazardous waste handling and wastewater treatment

- Disposal of waste materials in the categories "hazardous waste" and "other", disposal of oil-polluted water and emulsions
- Collection and purchase of used oils, rental and positioning of 800-litre containers, removal and disposal of materials
- Collection and processing of used oils and conversion for further applications
- Pumping of crude oil products, pumping of liquid materials
- ADR-compliant transport in special tanker trucks
- Cleaning of oil-polluted waters, emulsion-polluted waters and biologically polluted waters

Cleaning is achieved by electro-flotation with subsequent biological treatment.

### Certificates

- ISO 9001:2008
- SQAS

### CONTACT INFORMATION

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