

Hydraulic System Specification for Tractor Trailer 2PTS-4

1. Purpose:

The hydraulic system of the 2PTS-4 tractor trailer is designed to control the lifting and lowering of the body for unloading operations.

2. Main Components:

- Hydraulic cylinder: single-acting
- Hydraulic hoses: high-pressure, reinforced
- Control valve: two-position, manual
- Mounting brackets and fittings

3. Technical Specifications:

- Maximum working pressure: 16 MPa
- Cylinder stroke: 850 mm
- Hose diameter: 12 mm (internal)
- Oil volume required: approx. 8 liters
- Connection thread: M18x1.5

4. Material:

- Cylinder: high-grade steel
- Hoses: reinforced rubber with steel braiding
- Fittings: galvanized steel

5. Operating Conditions:

- Ambient temperature: -30°C to +40°C
- Compatible hydraulic fluid: mineral oil ISO VG 46

6. Maintenance Recommendations:

- Regularly check hoses for wear and leaks
- Change oil every 12 months or 1000 operating hours
- Ensure all connections are securely tightened

7. Manufacturer Warranty:

- 12 months from date of purchase

For installation and further service instructions, refer to the user manual or contact the supplier.