



Preservation instructions commercial vehicles

Overview

Measures during the temporary storage of vehicles

1. Thoroughly clean vehicle, engine and transmission.
2. Empty fuel tank and fill with enough diesel fuel that the engine can be turned on for 10 minutes once a month over the entire temporary storage period.
 - i** Only for vehicles that were operated with biodiesel or vegetable oil.
3. Start engine and let run for 15 to 30 minutes with an rpm of around 900.
 - i** On vehicles that were operated with biodiesel or vegetable oil, the fuel system or the injection system is rinsed with diesel fuel in the process. In addition, the belt tensioners and the electric plug contacts at the engine are dried.

On vehicles with an auxiliary heater, the auxiliary heater is to be switched on while rinsing.
4. Remove rust spots and paint damage at vehicle.
5. Remove rust spots from engine.
6. Whenever possible, park vehicle in a sheltered area.
7. Secure vehicle using chocks.
8. Manually release spring-loaded actuators of combination brake cylinders in order to prevent the brake linings from rusting solid.
9. Cover all vehicle windows so that the plastic parts and seat covers do not fade.
10. Drain water from compressed air system via the drain valves at the reservoirs.
11. Check the area below the compressed air desiccant cartridges for dirt and clean if necessary.
12. Reinstall compressed air desiccant cartridge or compressed air desiccant cartridges.

13. Apply prescribed lubricant to all lubrication points.

 See maintenance sheet.

14. Initiate intermediate lubrication on control unit.

 Only on vehicles with central lubrication system.

The exact procedure for deploying the intermediate lubrication can be found in each manufacturer's operator's manual.

15. Fill grease container and cover to protect against solar radiation.

16. Increase the tire pressure (approx. 2 bar above the standard pressure) to prevent the tires from becoming flat, or jack up the vehicle to relieve the load on the tires.

 The maximum pressure of 10 bars must not be exceeded. The specifications of the tire manufacturer must also be observed.

17. Cover tires to protect against solar radiation.

18. Change engine oil and oil filter.

 If the engine oil has been in the engine for more than 20,000 km or is older than 12 months.

19. Disconnect the ground line at the battery to prevent discharging by no-load current consumers.

20. Fully charge batteries individually.

 The fluid level in the batteries is to be checked and supplemented, if necessary, before and after charging.

21. Check antifreeze portion in coolant as well as coolant level and correct, if necessary, or change coolant.

22. Check antifreeze portion and washer fluid level in the windshield and headlamp washer system and correct if necessary.

23. Completely fill AdBlue tank so that the AdBlue cannot crystallize out.

 Only on vehicles with code (MS4) BlueTec 4 or code (MS5) BlueTec 5.

24. Drain fresh water tank for lavatory and kitchen.

 Only if fitted.

25. Drain water from water separator of fuel system.

 Only on vehicles with code (K81) Fuel prefilter with heated water separator.

Measures during temporary storage

- The engine must be allowed to run every month for approx. 10 minutes with max. 900 rpm with the air conditioning switched on and the auxiliary heater switched on (depending on the vehicle equipment). On vehicles equipped with a refrigerator box, this must also be started up.
 The engine oil level and the coolant level absolutely must be checked before starting. In addition on vehicles with code (K81) Fuel prefilter with heated water separator, the water separator must be drained of water if necessary.
The oil pressure as well as the coolant and oil temperature must be kept in mind when starting the engine or while it is running.
During this time, all gears that can be engaged at a standstill should be shifted through.
The compressed air drier must also be regenerated. Lower the pressure in the compressed air system below the cut-in pressure for this, for example by repeatedly actuating the service brake, and then allow the engine to run until the shutoff pressure is reached.
- The batteries are to be recharged individually every 3 months. The fluid level in the batteries is to be checked and supplemented, if necessary, before and after recharging.
- The engine oil and oil filter must be changed every 24 months.

Measures during the recommissioning of vehicles

1. Check hoses and lines for cracks.
2. Empty fuel tank and fill with new fuel.
3. Replace filter insert of water separator of fuel system.
 Only on vehicles with code (K81) Fuel prefilter with heated water separator.
4. Replace fuel filter insert.
5. Install new air filter element.
6. Change engine oil and oil filter.
7. Check coolant level.
 If coolant must be refilled, check antifreeze portion in coolant and correct if necessary.
8. Check washer fluid level in windshield and headlamp washer system.
 If washer fluid must be refilled, check antifreeze portion in washer fluid and correct if necessary.
9. Manually tension spring-loaded actuators of combination brake cylinders.
10. Correct tire inflation pressure.
11. Lower vehicle and secure with chocks.
 Only if the vehicle was jacked up.
12. Check charge level of batteries, recharge batteries individually if necessary.
 The fluid level in the batteries is to be checked and supplemented, if necessary, before and after recharging.
13. Connect ground line to battery.
14. Decode radio.

15. Set the time at Instrument (INS).
 -  Only if the time is not updated automatically.
16. Set the time at timer of the auxiliary heater.
 -  Only on vehicles with auxiliary heater. Refer to the operator's manual for the procedure.
17. Synchronize time between tachograph disk and display
 -  See Operator's Manual
18. Check operation of electrical system.
19. Rinse fuel system or injection system.
 -  To do so, start engine and let run for 15 to 30 minutes with an rpm of around 900. In the process, monitor the oil pressure as well as the coolant and oil temperature. On vehicles with an auxiliary heater, the auxiliary heater is to be switched on while rinsing.
20. Replace compressed air desiccant cartridge or compressed air desiccant cartridges.
 -  Only if the maintenance interval has been reached or the compressed air desiccant cartridges are older than 24 months.
21. Check oil level in steering system, engine, transmission and drive axles.
22. Thoroughly clean vehicle, engine and transmission.
 -  Pre-clean vehicle with hot-water high-pressure cleaning equipment before cleaning in a washing facility. This will remove large particles of dirt that may cause severe scratches.
23. 1 Fill fresh water tank for lavatory and kitchen.
 -  Only if fitted.
24. Check function of the brake system.
 -  Repeated braking will also remedy any corrosion residues on the brake disks/brake drums, among other things.
25. Check function of the steering system during a test drive.