

Maintenance of Stored Machines
All Articulated Haulers

INSPECTION PROGRAMME

Machine Model	Serial No.	Operating hours	Arrival date	Inspection date	page 1(4)
Dealer		Inspected by		Sign	

Foreword

The Inspection Programme "Maintenance of Stored Machines" is to be used as a maintenance programme during the storage of the machine.

The following work must be completed on the machine after three months of storage and then every month. Storage starts at the date the machine is invoiced to Volvo CE dealer and ends at the delivery date to the end user.

All completed Inspection Programmes must be kept on file by the relevant Volvo dealer.

NOTE!

Please pay attention to the safety instructions in the Operator's and Service Manuals concerned.

Inspection	Performed
Visually check the condition of the machines with regards to defects that may become worse during continued storing if no repair or maintenance actions are taken.	
1 General check of finish/appearance, damage to paintwork and corrosion protection.	<input type="checkbox"/>
2 Check cleanliness of the cab and engine compartment.	<input type="checkbox"/>
3 Check the surface condition of all cylinder piston rods.	<input type="checkbox"/>
4 Check that no corrosion has occurred on machine.	<input type="checkbox"/>
5 Check that no leakage occur regarding oil, coolant, fuel or AdBlue®/DEF (if applicable). If leakage occur, investigate the cause before adding new fluid. Check the coolant freezing point.	<input type="checkbox"/>
6 Check the water level and the freezing point in the windscreen washer system.	<input type="checkbox"/>
7 Drain condensed water from fuel tank, and water separator.	<input type="checkbox"/>
8 Check and adjust the tyre pressure.	<input type="checkbox"/>
9 Check ageing of tyres and rubber parts.	<input type="checkbox"/>
10 Check the electrolyte level in the battery and add distilled water, if necessary (if applicable). Check the charge state of the battery, charge it if necessary.	<input type="checkbox"/>
11 If the machine is stored for longer than three months, the battery should be removed for maintenance charging. Check that the cable terminals are free from corrosion. If needed, clean and coat with anti-corrosion agent.	<input type="checkbox"/>
12 Check upholstery, mats, insulation, etc. for any moisture.	<input type="checkbox"/>



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Inspection	Performed
13 Check propeller shafts. Propeller shafts stored more than six months must be greased again.	<input type="checkbox"/>
14 Perform the service "Fire suppression system, checking" every 6th month (if applicable). NOTE! Service may only be performed by authorized personnel.	<input type="checkbox"/>

Testing	Performed
15 Before testing: Remove all anti-corrosion agents and other corrosion protection, including plastic covers on the piston rods.	<input type="checkbox"/>
16 Test-run the machine until the engine and other components have reached normal operating temperature.	<input type="checkbox"/>
The following checks should be performed during the test-run:	
17 The air conditioning (optional) should be run for at least five minutes. See the Operator's Manual.	<input type="checkbox"/>
18 Gear meshing, check	<input type="checkbox"/>
19 Operate all hydraulically driven functions to full lock position (end-stroke)	<input type="checkbox"/>
20 Check steering system, service brakes, parking brake	<input type="checkbox"/>
21 Check that instruments, control lamps and other lights are working.	<input type="checkbox"/>
22 Check the function of controls, doors, windows, cover plates, hatches, etc.	<input type="checkbox"/>
23 Check that there are no fuel, water or oil leaks. If necessary, check-tighten connections, clamps and fittings.	<input type="checkbox"/>

Actions	Performed
24 The piston rods should be retracted and the visible parts of the rods treated with a lubricating anticorrosion agent such as Dinitrol, Tectyl, or the equivalent.	<input type="checkbox"/>
25 Stop the engine after at least 3 minutes running in low idle mode.	<input type="checkbox"/>
26 Drain any compressed air reservoirs.	<input type="checkbox"/>
27 The fuel tank must be filled to the maximum to prevent condensation and corrosion.	<input type="checkbox"/>
28 Reapply the anti-corrosion protection and apply lubricant where required.	<input type="checkbox"/>
29 Windows and doors must be closed.	<input type="checkbox"/>
30 Cover the exhaust pipe, when needed, to prevent rain from entering the engine.	<input type="checkbox"/>
31 Turn the ignition key to position 0 and let the information display turn off. Turn off the main electric power by turning the service switch to the left, position OFF. If not applicable, turn off the battery disconnect switch or disconnect the negative cable on the battery.	<input type="checkbox"/>

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