

# SERVICE/INSPECTION CHECKLIST

**DATE:** 08/2024

**ISSUE:** 1

**NUMBER:** 20/032

**SUBJECT:** Service/ Inspection Checklist - Access Boom - T65D [T4F]

**PRODUCTS AFFECTED:** T65D

**TO BE CARRIED OUT:** Information Only

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## Machine and Dealer Information

Table 1.

|                                                                                     |                       |
|-------------------------------------------------------------------------------------|-----------------------|
| Dealer Stamp (Below):                                                               | Machine Type:         |
|  | Serial Number:        |
|                                                                                     | Distributor:          |
|                                                                                     | Depot:                |
|                                                                                     | Job Number:           |
|                                                                                     | Hourmeter Reading:    |
|                                                                                     | Date of Registration: |
|                                                                                     | Date of Service:      |
|                                                                                     | Customer Name:        |
| Engineer Name:                                                                      |                       |

## Introduction



**WARNING** Maintenance must be done only by suitably qualified and competent persons.

Before doing any maintenance make sure the machine is safe, it must be correctly parked on firm, level ground.

To prevent anyone starting the engine, remove the ignition key. Disconnect the battery (by means of the battery isolator if installed) when you are not using electrical power. If you do not take these precautions you could be killed or injured.

**WARNING** All scheduled and routine maintenance/daily tasks should be conducted with the machine cool. Checking or servicing a hot machine could lead to injury.

A badly maintained machine is a danger to the operator and the people working around the operator. Make sure that the regular maintenance and lubrication tasks listed in the service schedules are done to keep the machine in a safe and efficient working condition.

To ensure the correct functioning of the engine and emissions control system all operation and maintenance must be conducted in accordance with the instructions in this manual. Incorrect operation, maintenance or repair of the engine and emissions control system may lead to reduced product life, loss of performance or malfunctions. It is the machine owner's responsibility to ensure maintenance is conducted properly in accordance with the requirements in this manual.

Apart from the daily tasks, the schedules are based on the machine running hours. Keep a regular check on the hourmeter readings to correctly gauge the service intervals. When there is no hourmeter installed, use the calendar equivalents to determine the service intervals.

Do not use a machine which is due for a service. Make sure any defects found during the regular maintenance checks are corrected immediately.

More frequent checks of engine components than the engine manufacturer recommends do not invalidate emissions warranty.

### How to Use the Maintenance Schedule

The schedules show the service tasks which must be done and their intervals.

The services must be done at either the hourly interval or the calendar equivalent, whichever occurs first.

The intervals given in the schedules must not be exceeded. If the machine is operated under severe conditions (high temperature, dust, water, etc.) shorten the service intervals.

Table 2.

|                          |                                                                                                                                               |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="radio"/>    | Service task can be completed by a competent operator. Details of how to complete the service task are given in the Operator's Manual.        |
| <input type="checkbox"/> | We recommend that a Service Engineer completes the service task. Details of how to complete the service task are given in the Service Manual. |

### Maintenance Intervals

Table 3.

| Interval ( h ) | Calendar Equivalent |
|----------------|---------------------|
| 10             | Daily               |
| 50             | Weekly              |
| 250            | 6 months            |
| 500            | Yearly              |
| 1000           | Two years           |
| 2000           | Two years           |

### Operator Maintenance Tasks

Table 4.

| Component                                                 | Task                     | Daily                 | Weekly                |
|-----------------------------------------------------------|--------------------------|-----------------------|-----------------------|
| Engine                                                    |                          |                       |                       |
| Engine                                                    |                          |                       |                       |
| Engine compartment hose                                   | Check condition/security | <input type="radio"/> | <input type="radio"/> |
| Engine oil                                                | Check (level)            | <input type="radio"/> | <input type="radio"/> |
| Engine oil                                                | Check (leaks)            | <input type="radio"/> | <input type="radio"/> |
| Engine coolant                                            | Check (level)            | <input type="radio"/> | <input type="radio"/> |
| Engine coolant                                            | Check (leaks)            | <input type="radio"/> | <input type="radio"/> |
| Cooling pack                                              | Check/clean              | <input type="radio"/> | <input type="radio"/> |
| Front end drive belt                                      | Check (condition)        |                       | <input type="radio"/> |
| Air filter                                                | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| Air filter dust valve                                     | Check operation/Clean    |                       | <input type="radio"/> |
| Engine fuel                                               | Check (leaks)            | <input type="radio"/> | <input type="radio"/> |
| Water Separator/fuel filter                               | Clean/Drain              | <input type="radio"/> | <input type="radio"/> |
| Fuel tank cap- vent                                       | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| Exhaust system                                            | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| Hydraulics                                                |                          |                       |                       |
| Hydraulic hoses                                           | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| Hydraulic oil                                             | Check (level)            | <input type="radio"/> | <input type="radio"/> |
| Hydraulic oil                                             | Check (leaks)            | <input type="radio"/> | <input type="radio"/> |
| Boom                                                      |                          |                       |                       |
| Boom wire rope                                            | Check (Condition)        | <input type="radio"/> | <input type="radio"/> |
| Boom wire rope-Tension                                    | Check                    | <input type="radio"/> | <input type="radio"/> |
| Cylindrical wear pad                                      | Check                    | <input type="radio"/> | <input type="radio"/> |
| Electrics                                                 |                          |                       |                       |
| Hydraulic generator (If installed)                        | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Hydraulic generator- wiring and connectors (If installed) | Check                    | <input type="radio"/> | <input type="radio"/> |
| AC (Alternating Current) power to platform cables         | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Batteries terminal                                        | Clean                    | <input type="radio"/> | <input type="radio"/> |
| Battery leads                                             | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| All electrical cables and conductors                      | Check (condition)        | <input type="radio"/> | <input type="radio"/> |
| Base controller                                           |                          |                       |                       |
| Emergency stop                                            | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Platform raise and lower functions                        | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Electric pump                                             | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Ignition switch                                           | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Ground control emergency override                         | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Engine start                                              | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Engine speed (1500RPM)                                    | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Horn                                                      | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Emergency override switch                                 | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Platform controller                                       |                          |                       |                       |
| Emergency stop                                            | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Platform raise and lower functions                        | Check (operation)        | <input type="radio"/> | <input type="radio"/> |
| Foot pedal switch                                         | Check (operation)        | <input type="radio"/> | <input type="radio"/> |

|                                                         |                   |   |   |
|---------------------------------------------------------|-------------------|---|---|
| Steering                                                | Check (operation) | ○ | ○ |
| Drive and brake                                         | Check (operation) | ○ | ○ |
| Worklight (if installed)                                | Check (operation) | ○ | ○ |
| Power to platform (if power tool installed)             | Check (operation) | ○ | ○ |
| Horn                                                    | Check (operation) | ○ | ○ |
| Engine speed (1500RPM/22000RPM)                         | Check (operation) | ○ | ○ |
| Electric pump                                           | Check (operation) | ○ | ○ |
| General                                                 |                   |   |   |
| Limited driving speed (with platform lifted and stowed) | Check (operation) | ○ | ○ |
| Tilt sensor                                             | Check (operation) | ○ | ○ |
| Proximity, String pod, Boom raise and lower sensor      | Check (operation) | ○ | ○ |
| Axle oscillation lock                                   | Check (operation) | ○ | ○ |
| Platform levelling                                      | Check (operation) | ○ | ○ |
| Travel alarm                                            | Check (operation) | ○ | ○ |
| Platform secondary guarding system                      | Check (operation) | ○ | ○ |
| Miscellaneous                                           |                   |   |   |
| Operator's Manual                                       | Check (condition) | ○ | ○ |
| Canopy and latches                                      | Check (condition) | ○ | ○ |
| Safety Labels                                           | Check (condition) | ○ | ○ |
| Welds                                                   | Check (condition) | ○ | ○ |
| Machine damage, missing parts                           | Check (condition) | ○ | ○ |
| Fasteners                                               | Check (condition) | ○ | ○ |
| Platform guard rail                                     | Check (condition) | ○ | ○ |
| Tyres and wheels                                        | Check (condition) | ○ | ○ |
| Wheel lug nuts <sup>(1)</sup>                           | Torque            |   | ○ |
| Wheel lug nut marks                                     | Check (alignment) | ○ | ○ |

(1) First 50 hours only

### Service Engineer Maintenance Tasks

Table 5.

| Component                                                 | Task                     | 250<br>h                 | 500<br>h                 | 1000<br>h                | 2000<br>h                |
|-----------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Engine                                                    |                          |                          |                          |                          |                          |
| Engine compartment                                        | Check security           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine compartment hose                                   | Check condition/security | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine oil                                                | Check (level)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine oil                                                | Check (leaks)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine oil                                                | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine oil filter                                         | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine coolant                                            | Check (level)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine coolant                                            | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| CCV (Crankcase Ventilation) <sup>(7)</sup>                | Replace                  |                          |                          |                          |                          |
| Coolant (inorganic) <sup>(5)</sup>                        | Replace                  |                          |                          |                          | <input type="checkbox"/> |
| Coolant (OAT - organic acid technology) <sup>(4, 5)</sup> | Replace                  |                          |                          |                          |                          |
| Engine coolant                                            | Check (leaks)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine radiator                                           | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cooling pack                                              | Check/clean              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cooling hoses <sup>(3)</sup>                              | Replace                  |                          |                          |                          |                          |
| Front end drive belt                                      | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Front end drive belt <sup>(3)</sup>                       | Replace                  |                          |                          |                          |                          |
| Air filter                                                | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Air filter element (outer) <sup>(2)</sup>                 | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Air filter element (inner) <sup>(2)</sup>                 | Replace                  |                          |                          |                          | <input type="checkbox"/> |
| Air filter dust valve                                     | Check operation/Clean    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Intake manifold hose <sup>(3)</sup>                       | Replace                  |                          |                          |                          |                          |
| Engine fuel                                               | Check (leaks)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Lubricity filter (if fitted)                              | Replace                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water Separator/fuel filter                               | Clean/Drain              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Water Separator/fuel filter element                       | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine fuel filter element                                | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fuel tank cap- vent                                       | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Exhaust system                                            | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulics                                                |                          |                          |                          |                          |                          |
| Hydraulic hoses                                           | Check (condition)        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic oil                                             | Check (level)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic oil                                             | Check (leaks)            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic oil                                             | Replace                  |                          |                          |                          | <input type="checkbox"/> |
| Hydraulic return filter element                           | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Suction strainer                                          | Replace                  |                          |                          |                          | <input type="checkbox"/> |
| Charge pump filter element                                | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| High pressure filter element                              | Replace                  |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vent filter - hydraulic tank                              | Replace                  |                          |                          |                          | <input type="checkbox"/> |
| Hydraulic system pressure                                 | Check (settings)         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                                                           |                   |                          |                          |                          |                          |
|-----------------------------------------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Hydraulic system functional test                          | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Boom                                                      |                   |                          |                          |                          |                          |
| Boom wire rope                                            | Check (Condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Boom wire rope - Tension                                  | Check/ Adjust     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cylindrical wear pad                                      | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Cylindrical wear pad                                      | Grease            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electrics                                                 |                   |                          |                          |                          |                          |
| Batteries terminal                                        | Clean             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| All electrical cables and conductors                      | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic generator (If installed)                        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hydraulic generator- wiring and connectors (If installed) | Check             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| RCBO (Residual Current Breaker with Over-Current)         | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AC power to platform cables                               | Visual inspection | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| AC power to platform cables                               | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Battery leads                                             | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ground controller                                         |                   |                          |                          |                          |                          |
| Emergency stop                                            | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform raise and lower functions                        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electric pump                                             | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ignition switch                                           | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ground control emergency override                         | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine start                                              | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine speed                                              | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Horn                                                      | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Emergency override switch                                 | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform controller                                       |                   |                          |                          |                          |                          |
| Emergency stop                                            | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform raise and lower functions                        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Foot pedal switch                                         | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Steering                                                  | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Drive and brake                                           | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Worklight (if installed)                                  | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Power to platform (if power tool installed)               | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Horn                                                      | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine speed                                              | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Electric pump                                             | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| General                                                   |                   |                          |                          |                          |                          |
| Limited driving speed (with platform lifted and stowed)   | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tilt sensor                                               | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Proximity, String pod, Boom raise and lower sensor        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Axle oscillation lock                                     | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform levelling                                        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Overload System                                           | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                                     |                   |                          |                          |                          |                          |
|-------------------------------------|-------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Overload test                       | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Engine speed selection              | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Travel alarm                        | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Buzzers                             | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Drive speed                         | Check             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Boom and slew speed                 | Check             | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform secondary guarding system  | Check (operation) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Miscellaneous                       |                   |                          |                          |                          |                          |
| Operator's Manual                   | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Canopy and latches                  | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Safety Labels                       | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Welds                               | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Machine damage, missing parts       | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Fasteners                           | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Platform guard rail                 | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Steer pivots                        | Grease            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tyres and wheels                    | Check (condition) | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wheel lug nuts                      | Torque            | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hub oil                             | Check (level)     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hub oil <sup>(1)</sup>              | Replace           |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Slew gearbox oil                    | Check (level)     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Slew gearbox oil <sup>(1)</sup>     | Replace           |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Slew bearing                        | Check (condition) |                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wire ropes (Tension) <sup>(8)</sup> | Check (condition) |                          |                          |                          |                          |
| Wire ropes (Wear) <sup>(6)</sup>    | Check (condition) |                          |                          |                          |                          |
| Rotary actuator                     | Check (torque)    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Slew ring fastener                  | Check (torque)    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Counter weight                      | Check (torque)    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

(1) An initial hub oil replacement should be made after the first 50 hours and slew gearbox oil should be made at first 250 hours service and then at regular 1000 hour intervals.

(2) The period of time that must elapse before checking the filter element depends on the environment in which the engine operates. The air filter must be cleaned and replaced more frequently under very dusty conditions.

(3) At every 8,000h.

(4) At every 4,000h or 4 years, whichever is first.

(5) Check which coolant type is installed in the machine before topping up the coolant. Mixing of different coolant types is likely to impair corrosion inhibiting performance and may result in invalidation of the warranty offered by JCB. In the event of mixing or if the coolant type is to be changed, the coolant circuit should be completely drained and flushed with clean water before re-filling with fresh coolant.

(6) Wire ropes must be inspected as per the guidelines defined in the service manual at every 7,000h / 12 Years and should be replaced if found damaged.

(7) At every 1,500h.

(8) At every 150h.

## Paintwork Defects

Figure 1.

## Zoom

## Remarks/Action Implemented During the Machine Service

Figure 2.

## Zoom

### Outstanding Action Required

Figure 3.

## Zoom

