



# Terex AC100/4 Service Schedule

Date: 26-6-25 Rego: 224XIR Plant ID: 910

|              |                      |                         |               |
|--------------|----------------------|-------------------------|---------------|
| Make         | Terex                | Model                   | AC100/4       |
| Service Type | 250hr (Top)          | Serial No:              | 10496         |
| Service Hrs. | 8,750hr <u>8,706</u> | KM                      | <u>65 863</u> |
| Next Service | 9,000hr              | Due (+/- 50Hr. Reading) |               |

Status type: Satisfactory ✓ Action Required \* Not Applicable NA

| Description                                            | Status | Action/ Comments |
|--------------------------------------------------------|--------|------------------|
| 250hr / 750hr Service                                  |        |                  |
| Check Hydraulic Pump PTO, Mounting & Bolts             | /      |                  |
| Check Transmission Oil Level                           | NA     |                  |
| Check Transfer Case Oil Level                          | NA     |                  |
| Check Transfer Case Cooler System for Leaks            | NA     |                  |
| Check Retarder Oil Level                               | NA     |                  |
| Check ALL Differentials Oil Levels                     | NA     |                  |
| Check Planetary Reduction (s) Oil Level                | NA     |                  |
| Check Susp Cylinder - Condition / Leaks / Positions    | NA     |                  |
| Check ALL Suspension components - wear / Tightness     | NA     |                  |
| Check ALL Drive / Jack Shaft Universal Joints          | NA     |                  |
| Check / Lube ALL Universal Joints on Drive Line        | NA     |                  |
| Check Brake Lining Thickness / Wear - record thickness | NA     |                  |
|                                                        | L/H    | R/H              |
| Axle 1                                                 |        |                  |
| Axle 2                                                 |        |                  |
| Axle 3                                                 |        |                  |
| Axle 4                                                 |        |                  |
| Check Park Brake Operation                             | /      |                  |
| Check Service Brake Operation                          | /      |                  |
| Check all covers, panels for security                  | /      |                  |
| Drain ALL Air Tanks of Water / Sediments               | /      |                  |
| Check Diff Lock Operation                              | NA     |                  |
| Inspect steering hoses                                 | NA     |                  |
| Inspect ALL steering links                             | NA     |                  |
| Lube ALL axles, and steering knuckle bearing           | NA     |                  |
| Check Steering components                              | NA     |                  |
| Lube suspension cylinder ends                          | NA     |                  |
| Lube Slew Gear / Bearing                               | /      |                  |
| Check Slew Gear Level                                  | /      |                  |
| Lube Rope drum bearing                                 | /      |                  |
| Lube Hookblock                                         | /      |                  |
| Lube Main Boom Extension Bolts/sliding surfaces etc    | /      |                  |



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|                                                              |    |                       |
|--------------------------------------------------------------|----|-----------------------|
| Lubricate slew gear open teeth                               | /  |                       |
| Check for correct operation and Grease Sensors on SVE        | /  |                       |
| Inspect Main Boom Track Rollers                              | /  |                       |
| Inspect Main Boom extension rope track rollers               | /  |                       |
| Visually Check Slew Bolts / Gear connections                 | /  |                       |
| Visual check for cracks                                      | /  |                       |
| Check Winch Gearbox Oil Level                                | /  |                       |
| Check Winch Rope Condition & Lubrication                     | /  |                       |
| Check Winch Unit Mountings & Bolts                           | /  |                       |
| Check Hydraulic Tank Oil Level                               | /  | Both Upper and Lower  |
| Visual Inspection of ALL Boom Sect. Damage                   | /  |                       |
| Lube Rear Boom Pivot Bearings                                | /  |                       |
| Lube ALL Luff Cyl. Bearings                                  | /  |                       |
| Top up auto greaser (if fitted)                              | /  |                       |
| Inspect ALL Sheaves on Boom Assy.                            | /  |                       |
| Check ALL Hydraulics for Correct Operation                   | /  |                       |
| Check ALL Hydraulic Cyl's for Damage/Leaks                   | /  |                       |
| Check ALL Hydraulic Hoses for Damage/Leaks                   | /  |                       |
| Check ALL 'Crane Control Levers' for Operation               | /  |                       |
| Check ALL Wiring for Damage & Correct Routing                | /  |                       |
| Check Battery Electrolyte Level                              | /  |                       |
| Clean & Check Battery Terminals-Holding Clamp                | /  |                       |
| Check Brake Expanding Cylinders                              | NA |                       |
| Check & Tighten Axle retaining bolts, check axle screw conn. | NA |                       |
| Inspect steering and radius arms, bushes and ball joints     | NA |                       |
| Visual Inspect Air Intake pipes & hoses                      | /  | Upper & Lower Engines |
| Check Coolant & Inhibitor Level / Concentration              | /  | Upper & Lower Engines |
| Check ALL Coolant / Heater System Hoses                      | /  | Upper & Lower Engines |
| Visual Inspect Radiator Screen & Cooler Cores for Blockage   | /  | Upper & Lower Engines |
| Check Fan Operation                                          | /  | Upper & Lower Engines |
| Check Alternator & A/C Compressor Mount/Bolts                | /  | Upper & Lower Engines |
| Check Engine Drive Belts                                     | /  | Upper & Lower Engines |
| Check Engine, Lines & Hoses for Abrasion & Position          | /  | Upper & Lower Engines |
| Check Engine Piping for Leaks                                | /  | Upper & Lower Engines |
| Visual Inspect Engine Mount(s) Condition                     | /  | Upper & Lower Engines |
| Spray all chrome cylinder rods                               | /  |                       |
| Check batteries for electrolyte/ security                    | /  |                       |
| Check Clearance Lights                                       | /  |                       |
| Check Head Lights HI/LO                                      | /  |                       |
| Check Stop Lights                                            | /  |                       |
| Check Reverse Light(s) & Alarm                               | /  |                       |
| Check Indicators & Audible Warning                           | /  |                       |
| Check ALL Work Lights                                        | /  |                       |
| Check ALL Instruments for Operation/Illumination             | /  |                       |
| Check Low Air Warning Devices                                | /  |                       |
| Check Horn(s)                                                | /  |                       |



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|                                                                 |    |  |
|-----------------------------------------------------------------|----|--|
| Check Wiper Operation                                           | /  |  |
| Check ALL Warning Lights and Buzzers                            | /  |  |
| Check Exhaust Brake Operation ( where fitted )                  | /  |  |
| Check Rotating Light Operation                                  | /  |  |
| Check Panel Condition                                           | /  |  |
| Check Cabin Condition                                           | /  |  |
| Check Interior Light Operation                                  | /  |  |
| Check AM/FM Radio Operation If fitted                           | /  |  |
| Check Cabin for Water Leaks                                     | /  |  |
| Check Door Locks & Catches for Operation                        | /  |  |
| Check Seat Mounting & Operation                                 | /  |  |
| Refill Windscreen Washer Water & Test Operation Upper and Lower | /  |  |
| Check Seat Belt Condition / Operation                           | /  |  |
| Check Heater Operation                                          | /  |  |
| Check Air Conditioning                                          | /  |  |
| Check for Air Leaks ALL Points                                  | /  |  |
| Check for Fuel Leaks ALL Points                                 | /  |  |
| Check for Oil Leaks in Engine Area                              | /  |  |
| Check Tyre Pressures & Tyre Condition                           | /  |  |
| Carry Out FULL Function/Operate Test Drive                      | /  |  |
| Check Hoist Limit Switch Operation                              | /  |  |
| Check all crane functions for correct operation                 | /  |  |
| Lift Test Weight if Available                                   | NA |  |
| Check LMI / SLI Operation / Calibration                         | /  |  |
| Anti-Two Block Operational                                      | /  |  |
| Boom Length & Angle Indicators                                  | /  |  |
| Manual Boom Length & Angle Indicators                           | /  |  |
| Level Indicators                                                | /  |  |
| Operation & Safety Manuals                                      | /  |  |
| 2 Way Radios Condition / Operation                              | /  |  |
| Registration Valid & In Date                                    | /  |  |



## Terex AC100/4 Service Schedule

### OTHER NOTES:

Completed by:

Christian.C

Name

Mechanic / Fitter 26-6-25

Position

Date

Sheldon V

Name

Position

Date

26-5-25