



Terex AC100/4 Service Schedule

Date: 4-11-25 Rego: 224XIR Plant ID: 910

Make	Terex	Model	AC100/4
Service Type	500hr (Bottom)	Serial No:	10496
Service Hrs.	4,500 hr <i>4471 hrs</i>	KM	<i>68476 km</i>
Next Service	4,750 hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description			Status	Action/ Comments
500hr Service				
Check Hydraulic Pump PTO, Mounting & Bolts			/	
Check Transmission Oil Level			/	
Check Transfer Case Oil Level			/	
Check Transfer Case Cooler System for Leaks			/	
Check Retarder Oil Level			/	
Check ALL Differentials Oil Levels			/	
Check Planetary Reduction (s) Oil Level			/	
Check Susp Cylinder - Condition / Leaks / Positions			x	<i>Possible leak at axle 1 RHS</i>
Check ALL Suspension components - wear / Tightness			/	
Check ALL Drive / Jack Shaft Universal Joints			/	
Check / Lube ALL Universal Joints on Drive Line			/	
Check Brake Lining Thickness / Wear - record thickness			/	
	L/H	R/H		Minimum Thickness = mm
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			/	
Inspect steering hoses			/	
Inspect ALL steering links			/	
Lube ALL axles, and steering knuckle bearing			/	
Check Steering components			/	
Lube suspension cylinder ends			/	
Lube Slew Gear / Bearing			NA	
Check Slew Gear Level			NA	
Lube Rope drum bearing			NA	
Lube Hookblock			NA	
Lube Main Boom Extension Bolts/sliding surfaces etc			NA	



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Lubricate slew gear open teeth	NA	
Check for correct operation and Grease Sensors on SVE	/	
Inspect Main Boom Track Rollers	NA	
Inspect Main Boom extension rope track rollers	NA	
Visually Check Slew Bolts / Gear connections	NA	
Visual check for cracks	/	
Check Winch Gearbox Oil Level	NA	
Check Winch Rope Condition & Lubrication	NA	
Check Winch Unit Mountings & Bolts	NA	
Check Hydraulic Tank Oil Level	/	Both Upper and Lower
Visual Inspection of ALL Boom Sect. Damage	NA	
Lube Rear Boom Pivot Bearings	NA	
Lube ALL Luff Cyl. Bearings	NA	
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	/	
Check & Tighten Axle retaining bolts, check axle screw conn.	/	
Inspect steering and radius arms, bushes and ball joints	/	
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	X	LHS bottom cab broken
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	X	2nd axle tyres need replacing
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	NA	
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	/	
500hr Service		
Carry Out 250 Hour Service Schedule	/	
<i>Add the Following:</i>		
Clean or Replace Air Filter (Outer Element Only)	/	Upper & Lower Engines
Lube cab tilt cylinder ends	/	
Lube house lock pin	/	



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OTHER NOTES:

Completed by:

Christian C

Name

Mechanic / Fitter

4.11.25

Position

Date

Sheldon V

Name

Position

6-11-25

Date