



Terex AC100/4 Service Schedule

Date: 25-8-25 Rego: XQ29ED Plant ID: 937

Make	Terex	Model	Terex AC100
Service Type	500 Hr (Bottom)	Serial No:	10595
Service Hrs.	3,500 Hr 3463	KM	62 677
Next Service	3,750 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	/	<i>Dust boots need replacing</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
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	/	
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	NA	
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	✓	Hydraulic tank leak
Check ALL Hydraulic Cyl's for Damage/Leaks	✓	Dust boots need replacing on suspens.
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	/	
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	/	
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	NA	



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OTHER NOTES:

Completed by:

Christian C

Name

Mechanic / Fitter

25-8-25

Position

Date

Sheldan U

Name

Position

25-8-25

Date