Terex AC100/4 Service Schedule

Date: 29-2-24 **Rego:** XQ29ED **Plant ID:** 937

Make	Terex	Model	AC100/4
Service Type	250hr (Top)	Serial No:	10595
Service Hrs.	6,250hr 6,232	KM	49,535
Next Service	6,500hr	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			/	
Check / Lube ALL Universal Joints on Drive Line			NA	
Check Brake Lining Thickness / Wear - record thickness			NA	
	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			/	
Check Slew Gear Level			/	
Lube Rope drum bearing			/	
Lube Hookblock			/	
Lube Main Boom Extension Bolts/sliding surfaces etc			/	

Terex AC100/4 Service Schedule

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	✓	Found loose hose fitting near slew motor
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 electolyte/ security	✓	
Check Clearance Lights	✓	Replace broken globe on clearance light
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)	✓	

Terex AC100/4 Service Schedule

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	N/A	
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:

* Tightened loose hydraulic hose fitting near slew motor
* Replaced 2x hinges on toolbox lid.
* Replaced blown clearance light globes

Completed by:	Christian. C	Mechanic / Fitter	29-2-24
	Name	Position	Date
	Shelaba U		29-2-24
	Name	Position	Date