



Terex AC100/4 Service Schedule

Date: 14-11-25 Rego: XQ29ED Plant ID: 937

Make	Terex	Model	AC 100-4L
Service Type	1,000hr	Serial No:	10595
Service Hrs.	8,000hr (Top) <u>7952</u>	KM	<u>64506</u> km
Next Service	8,250hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description	Status	Action/ Comments
250/750hr 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	/	
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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Replace hydraulic return filters	/	Upper and lower tanks
Replace winch gearbox oil	/	Main and aux (if required)
Replace transmission / retarder oil and filter	NA	
Replace diff/ hub/ transfer case oil	NA	
Check Wheel nut tension	/	
Adjust valve clearances/ replace gasket		Upper and lower engines
Fuel filters-Replace separator and main filter elements	/	Upper and lower engines
Exhaust brake/retarder - check operation	/	Lower engine
Lube Steering components	NA	
Sample Hydraulic Oil using Kit PP2128300	NA	Upper and lower
Check Slew Bolt Tension	/	
Visual Inspection - Boom Weldments	/	
Check Axle Retaining Bolts for tightness	NA	
Brakes - Air Dryer - Replace Granulate Cartridge	NA	
Hydraulic System - Hydraulic Tank - Replace Aeration Filter	/	Upper and Lower
2000hr Service		
Carry Out 250 / 750 Hour Service Schedule	/	
Carry Out 500 Hour Service Schedule	/	
Carry out 1000 Hour Service Schedule	/	
Add the Following:		
Replace transmission / retarder oil and filter	NA	Castrol Syntrans Max
Replace Engine Coolant	/	
Check Wheel nut tension	/	
100hr First Service		
Carry Out 250 / 750 Hour Service Schedule		
Carry Out 500 Hour Service Schedule		
Carry Out 1000 Hour Service Schedule		
Add the Following:		
Tighten ALL Hose Clamps		
Check Tension of ALL Engine mounts		
Re-Tension ALL Wheel nuts		
Re-Tension ALL Suspension / Axle Bolts		
Re-Tension All Diff. Carrier Bolts.		
Check & Adjust Axle Alignment to Center		
Tighten ALL Drive Shaft / Jack Shaft Flange Bolts		



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OTHER NOTES:

Fit New Suspension Boots

Repair Hyd tank – new fitting machined and fitted by Mid-Town Hydraulics

Completed by:

Christian C

Name

Mechanic / Fitter

Position

14-11-25

Date

Sheldon U

Name

Position

14-11-25

Date

