

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

Make	Terex	Model	AC 100-4L	
Service Type	ce Type 1,000hr		10595	
Service Hrs.	8,000hr (Top) 7952	KM	64506 km	
Next Service	8,250hr	Due (+/- 50Hr. Reading)		

Status type: Satisfactory ✓ Action Required ✗ Not Applicable NA

Status type: Satisfactory ✓ Action Required *				Not Applicable NA		
Description		Status	Action/ Comments			
	250/750hr Service					
Check Hyd	raulic Pump PTO, Mou	nting & Bolts	1			
	nsmission Oil Level	AT THE RESERVE OF THE PARTY OF	NA			
	nsfer Case Oil Level		NA			
Check Tra	nsfer Case Cooler Syst	em for Leaks	NA			
Check Ret	Check Retarder Oil Level		NA			
Check ALL	Check ALL Differentials Oil Levels		NA			
	Check Planetary Reduction (s) Oil Level		NA			
	p Cylinder - Condition		MA			
	Suspension compone		NA			
	Drive / Jack Shaft Uni	1.00000	NA			
	be ALL Universal Joint		MA			
Check Bra	ke Lining Thickness / V		NA			
	L/H	R/H		Minimum Thickness =	mm	
Axle 1						
Axle 2						
Axle 3						
Axle 4						
	k Brake Operation		1	VI 10 10 10 10 10 10 10 10 10 10 10 10 10		
	vice Brake Operation		/			
	Check all covers, panels for security		1			
Drain ALL	Air Tanks of Water / Se	diments	/			
Check Diff	Check Diff Lock Operation		/			
	Inspect steering hoses		NA			
Inspect ALL steering links		NA				
Lube ALL axles, and steering knuckle bearing		MA				
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	/			



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	1	-
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	1,	
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		Upper & Lower Engines
Blockage	/	
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	/	oppor a control engines
Check batteries for electolyte/ 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)	-/-	
OHEOR HOHI(3)	/	



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				
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	/			
	hr Service			
	III Service			
Carry Out 250 Hour Service Schedule				
Add the Following:		11 01 5		
Clean or Replace Air Filter (Outer Element Only)	-/-	Upper & Lower Engines		
Lube cab tilt cylinder ends	-/			
Lube house lock pin				
1000hr Service				
Carry Out 250 / 750 Hour Service Schedule				
Carry Out 500 Hour Service Schedule	/			
Add the Following:				
Replace air filters	/	Upper and lower engines		
Replace slew gear oil				
Replace hydraulic breather filters	/	Upper and lower tanks		
Replace hydraulic pressure filters	/	Lower (steering) and upper filters		



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	/	Upper and Lower
Filter		Opper and Lower
2000	hr 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	ce
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		



OTHER NOTES:	
Fit New Suspensio	n Boots
Repair Hyd tank -	new fitting machined and fitted by Mid-Town Hydraulics

Completed by:	Christian C	Mechanic / Fitter	14-11-25
	Name	Position	Date
	Shelden U		14-4-25
	Name	Position	Date