

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 4471 his	KM	68476 km	
Next Service	4,750 hr	Due (+/- 50Hr. Reading)		

Status type: Satisfactory ✓ Action Required ✗ Not Applicable NA					
Description			Status	Action/ Comments	
		500	hr Service		
Check Hyd	Check Hydraulic Pump PTO, Mounting & Bolts				
	nsmission Oil Level		/		
Check Tra	Check Transfer Case Oil Level				1779
Check Tra	nsfer Case Cooler Syst	em for Leaks			
Check Ret	arder Oil Level		/		4 104
Check ALL	Differentials Oil Levels	3	/		
Check Pla	netary Reduction (s) Oi	Level			
Check Sus	sp Cylinder - Condition /	Leaks / Positions	×	Possible leak at a	axle 1 RHS
Check ALL	Suspension componer	nts - wear / Tightness	/		
Check ALL	Drive / Jack Shaft Univ	versal Joints	/		
Check / Lu	be ALL Universal Joints	s on Drive Line	/		
Check Bra	Check Brake Lining Thickness / Wear - record thickness				
	L/H	R/H		Minimum Thickness =	mm
Axle 1			/		
Axle 2					
Axle 3				_	
Axle 4			/		
Check Par	k Brake Operation				
	vice Brake Operation		/		
	covers, panels for secur		/		
Drain ALL	Air Tanks of Water / Se	diments	1		
	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		MA			
	Check Slew Gear Level		NA		
	Lube Rope drum bearing				
Lube Hookblock			NA		
Lube Main Boom Extension Bolts/sliding surfaces etc			NA		



Check for correct operation and Grease Sensors on SVE Inspect Main Boom Track Rollers Visually Check Slew Bolts / Gear connections Visual check for cracks Visual check for cracks Check Winch Rope Condition & Lubrication Check Hydraulic Tank Oil Level Visual Inspection of ALL Boom Sect. Damage Lube Rate Boom Pivot Bearings Lube ALL Luff Cyl. Bearings Check ALL Hydraulic For Correct Operation Check ALL Hydraulic Hoses for Damage/Leaks Check ALL Hydraulic Hoses for Damage/Leaks Check ALL Wiring for Damage & Correct Routing Check Battery Terminals-Holding Clamp Check Battery Engines Alver Engines Upper & Lower Engines Upper & L	Lubricate slew gear open teeth	MA	T
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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			Oppor & Lower Engines
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 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		1	
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 Reverse Light(s) & Alarm Check Indicators & Audible Warning Check ALL Work Lights Check ALL Instruments for Operation/Illumination Check Low Air Warning Devices			
Check Indicators & Audible Warning Check ALL Work Lights Check ALL Instruments for Operation/Illumination Check Low Air Warning Devices		/	
Check ALL Work Lights Check ALL Instruments for Operation/Illumination Check Low Air Warning Devices		-/	
Check ALL Instruments for Operation/Illumination Check Low Air Warning Devices	Check ALL Work Lights		
Check Low Air Warning Devices			
	Check Low Air Warning Devices	/	



Check Wiper Operation	1	
Check ALL Warning Lights and Buzzers	//	
Check Exhaust Brake Operation (where fitted)	/	
Check Rotating Light Operation	×	LHS bottom eab 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	1	
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 oxle 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	MA	
Check LMI / SLI Operation / Calibration	MR	
Anti-Two Block Operational	1	
Boom Length & Angle Indicators	1/	
Manual Boom Length & Angle Indicators	//	
Level Indicators	/	
Operation & Safety Manuals	//	
2 Way Radios Condition / Operation	//	
Registration Valid & In Date		
500	hr Service	
Carry Out 250 Hour Service Schedule	/	
Add the Following:		
Clean or Replace Air Filter (Outer Element Only)	/	Upper & Lower Engines
Lube cab tilt cylinder ends	/	
Lube house lock pin	/	



OTHER NOTES:		

Completed by:	Christian. C	Mechanic / Fitter	4.11.25
	Name	Position	Date
	Sheldan V	Dooition	6-11-25