

Date: 5-2-24 Rego: XQ90GD Plant ID: 941

Make	Terex	Model	MAC25
Service Type	250hr	Serial No:	251264
Service Hrs.	7,250hr 7232	KM	72312
Next Service	7,500hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description	Status	Action/ Comments		
250hr / 750hr Service				
CABI	N & CONTR	OLS		
Check EMERGENCY Steer Pump Operation		Refer Operator's Manual for Spec.		
Check Air Conditioning				
Check 2/4WD & HI/LO Operation	/			
Check 4WD Audible Warning				
Check Diff Lock Operation	/			
Check Holding Brake Operation				
Check Emergency Stop Button Operation				
Check Reversing and Winch Camera Operation				
Check AM/FM Radio Operation				
Check Heater Operation	/			
Check Wiper Operation	X	Replaced faulty spline + nut		
Refill Windscreen Washer Water & Test Operation	1	The state of the s		
Check Front Spring Lockout Operation				
Check Air Conditioning		200 bar activation pressure		
Check Park Brake Operation	/			
Check Foot Valve Operation				
Check ALL Warning Lights and Buzzers				
Check ALL Instruments for Operation/Illumination				
Check Indicators & Audible Warning	/			
Check Hazard Lights	/			
Check Horn(s)				
Check Hyd. Sys. Base Pressure - use Dash Gauge		Refer Operator Manual for Pressures		
Check Hyd. Sys. Max Pressure - use Dash Gauge	1	Refer Operator Manual for Pressures		
Check Steer Pressure at Full Lock (dash gauge)				
Check SLEW Light Operation				
Check ALL Hydraulics for Correct Operation				
Check ALL 'Crane Control Levers' for Operation		1		
Check Clearance Lights	X,	Replaced broken clearance		
Check Head Lights HI/LO				
Check Stop Lights	//			
Check Reverse Light(s) & Alarm				



Check ALL Work Lights	1,	
Check Low Air Warning Devices	1	
Check Rotating Light Operation	/,	
Check Interior Light Operation	11	
Check Cabin for Water Leaks	1,	
Check Seat Mounting & Operation	1,	
Check Seat Belt Condition	1	
Check Door Locks & Catches for Operation		_
Check Panel Condition	×	Damage to CHS
Check Cabin Condition	1	100
Registration Valid & In Date	1	V
ENGINE BAY	/ 2 TDANSI	NOISSIN
	a INANSI	Cleaned.
Clean or Replace Air Filter (Outer Element Only)	-	CI CAPEUII
Visual Inspect Radiator Screen & Cooler Cores for		
Blockage	/	
Check Coolant & Inhibitor Level / Concentration		
Check ALL Coolant / Heater System Hoses		
Visual Inspect Air Intake Pipes & Hoses	-/	
Tighten Intake Hose Clamps	-	
Check Fan Viscous Coupling	1	
Check Alternator & A/C Compressor Mount/Bolts	-	
Check Engine Drive Belt	-/-	
Check Engine Oil Level	1	
Check Engine, Lines & Hoses for Abrasion & Position	/	
Check Engine Piping for Leaks	/	
Visual Inspect Engine Mount(s) Condition	/	
Check for Fuel Leaks ALL Points	/	
Check for Oil Leaks in Engine Area		
Check Hydraulic Pump PTO, Mounting & Bolts		
Check Transmission Oil Level	/	
For cranes AFTER serial no. 25324:		
Check Oil Service Condition Through Gear Selector Pad	15%	Replace oil and filter if lower than 30% Replace
Check Filter Service Condition Through Gear Selector	1	Replace oil and filter if display is reading (LO)
Pad	1	Replace oil and filter if display is reading (LO)
DRIVE TRA	IN & SUSP	PENSION
Check Planetary Reduction (s) Oil Level	1	
Check Transfer Case Oil Level		Run at 1000 rpm for 1 min, then check immediately
Check Transfer Case Cooler System for Flow & Leaks	1	
Check Front Differential Oil Level	/	
Check Rear Differential Oil Level		
Check Clamping Bolts Front & Rear Spring Packs	1	
Check ALL Springs for Broken Leaves	×	LHF SPRING PACK BROKEN
Check Radius Rods/Front Torsion Arms Tightness	1	Refer Operators Manual for Tensions
Check ALL Drive / Jack Shaft Universal Joints	-/-	Note: Operators manual for Tensions
Lube ALL Universal Joints on Drive Line	+-/-	
		Document thicknesses
Check Brake Shoe Thickness (via insp.holes)	+ /	DOCUMENT UNICONESSES
Check Brake Pads Wear & Record Remaining Thickness	+	Minimum Thickness = mm
L/H R/H		Minimum Thickness = mm



Axle 1	Smm	8mm	1		
Axle 2	3 mm	Gun		Real blake linning low	
Axle 3					
Axle 4					
Adjust AL	L Service Brakes		1	LHR LOOSE air line /RHR BOOTR	
Drain ALL Air Tanks of Water / Sediments		1	Exceptive water in tanks.		
	L Steering Pins / Be		1	Creesive voil 11, 14/11.	
	Steering Pins / Bea		1	Use SBX-2 Grease	
	Steering Pin Bolts	illigo	1	Torque setting 312nM/230lb.ft	
	pring lockout retainin	a nins	1	As per Service bulletin SB0136	
		9 01110	1	As per Service bulletin SB0069	
	nspect steering hoses nspect steering cylinder rod clevis			As per Service bulletin SB0063	
порсого	teering cylinder rod c		M ASSEM		
Adjust AL	L Retract & Extension		T /	Refer Operator's Manual for Spec.	
	d Extension Cylinder		/	Refer Service Bulletin SB0073	
	on Tele Secondary C		1	Refer Service Bulletin SB0038	
	internal secondary		1	TROIGE BUILDING BEAUTING	
	inch Gearbox Oil Lev	,	1		
	inch Brake Oil Level	CI .	1		
	inch Rope Condition	& Lubrication	1		
	inch Unit Mountings				
		Sect. Damage/Bend			
	Boom Sections, Shea		NA		
	LL Compensating Sh		111		
	LL Sheaves on Boon		1		
		Bearings for Movement	-		
	r Boom Pivot Bearing			Use SBX-2 Grease	
		& Bearings Movement		Use SDA-2 Grease	
	Luff Cyl. Bearings	a bearings wovernerit	-/	Use SBX-2 Grease	
Lube ALL	Luii Cyi. Bearings	CHASSIS	& EINIAL C	The state of the s	
Chack Ca	nter Pivot Bearings/F		O FINAL C		
	tre Pivot Bearings Al			Refer Service Bulletin SB0105, drawing MXA1013	
			-/	Use SBX-2 Grease	
	ck Hydraulic Reservoir Oil Level ck Counterweight Lifting Bolts for Wear & Damage		//	Boom Closed Up (Lowered & Retracted) Refer Service Bulletin SB0093	
		nterweight retention bolt	/	Reiel Service Bulletill SB0093	
for cracks	,	merweight retention boit		Refer Safety Notice EAF SN 17 001	
		or hardening or cracking	-	Refer Safety Notice EAF SN 17 001	
	L Hydraulic Cyl's for		1	Trelei Salety Notice LAI SIV 17 001	
	L Hydraulic Cyrs lor L Hydraulic Hoses fo		-		
	L Wiring for Damage				
	Air Leaks ALL Points		-/		
			-		
	ttery Electrolyte Leve		/		
	heck Battery Termin		-	Part to as to the said as about a	
	e Pressures & Tyre		1	Front types how need replacing	
	FULL Function/Oper		1	, , , , , , , , , , , , , , , , , , ,	
	ion Pre-select Down		//	a dad alled a li	
	naust Brake Operatio	n	//	Replaced metted AN line	
.iπ Test W	leight if Available	140.747			



Check LMI Calibration	1,	
Anti-two block operational		
Boom length & angle indicators		
Manual boom length & angle indicators	1,	
Level indicators		
Emergency controls (E-Stops)		
Operation & safety manuals	//	
2 way radios condition / operation		

OTHER NOTES:
* 250 hi service
* Trans service
* Exhaust manifold - missing both (ordered new ones)
* Replaced damaged windscreen wiper spline int.
* Trans service * Exhaust manifold - missing both (ordered new ones) * Replaced damaged windscreen wiper spline "not. * Littled new elegrance light + plug
* Replaced metted + missing air line for exhaust brake
* LHF Spring pack broken - needs replacing actuator
* Replaced metted + missing air line for exhaust brake * LHF Spring pack broken - needs replacing actuator * Loose air line fitting on CHR brakes + both rear
brake boosters have been hit
brake boosters have been hit te Rear brakes getting bow

Completed by:	Christian. C.	Mechanic / Fitter	5-2-24
	Name	Position	Date
	Sheldon V		6-2-24
	Name	Position	Date