



Terex MAC25 Franna Service Schedule

Date: 30-9-25 Rego: XQ90GD Plant ID: 941

Make	Terex	Model	MAC25
Service Type	1,000hr	Serial No:	251264
Service Hrs.	9,000hr <i>9001 hrs</i>	KM	<i>89354 kms</i>
Next Service	9,250hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description	Status	Action/ Comments
1000hr Service		
CABIN & CONTROLS		
Check EMERGENCY Steer Pump Operation	✓	Refer Operator's Manual for Spec.
Check Air Conditioning	✓	
Check 2/4WD & HI/LO Operation	x	<i>2/4wd valve solenoid faulty</i>
Check 4WD Audible Warning	x	
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	✓	
Refill Windscreen Washer Water & Test Operation	✓	
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	✓	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	✓	
Check Clearance Lights	✓	
Check Head Lights HI/LO	✓	
Check Stop Lights	✓	
Check Reverse Light(s) & Alarm	✓	



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Check ALL Work Lights	/	
Check Low Air Warning Devices	/	
Check Rotating Light Operation	/	
Check Interior Light Operation	/	
Check Cabin for Water Leaks	/	
Check Seat Mounting & Operation	/	
Check Seat Belt Condition	/	
Check Door Locks & Catches for Operation	/	
Check Panel Condition	/	New scratches down LHS
Check Cabin Condition	/	
Registration Valid & In Date	/	
ENGINE BAY & TRANSMISSION		
Clean or Replace Air Filter (Outer Element Only)	/	
Visual Inspect Radiator Screen & Cooler Cores for Blockage	/	Cleaned
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	/	
Check Alternator & A/C Compressor Mount/Bolts	/	
Check Engine Drive Belt	/	
Check Engine Oil Level	/	
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	/	Replace oil and filter if lower than 30% 27%
Check Filter Service Condition Through Gear Selector Pad	/	Replace oil and filter if display is reading (LO)
DRIVE TRAIN & SUSPENSION		
Check Planetary Reduction (s) Oil Level	/	
Check Transfer Case Oil Level	/	Run at 1000 rpm for 1 min, then check immediately
Check Transfer Case Cooler System for Flow & Leaks	/	
Check Front Differential Oil Level	/	
Check Rear Differential Oil Level	/	
Check Clamping Bolts Front & Rear Spring Packs	/	
Check ALL Springs for Broken Leaves	/	
Check Radius Rods/Front Torsion Arms Tightness	X	Refer Operators Manual for Tensions
Check ALL Drive / Jack Shaft Universal Joints	/	
Lube ALL Universal Joints on Drive Line	/	
Check Brake Shoe Thickness (via insp.holes)	/	Document thicknesses
Check Brake Pads Wear & Record Remaining Thickness	/	FRONT 7mm / REAR 14mm
	L/H	R/H
		Minimum Thickness = mm

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Check LMI Calibration	/	
Anti-two block operational	/	
Boom length & angle indicators	/	
Manual boom length & angle indicators	/	
Level indicators	/	
Emergency controls (E-Stops)	✓	
Operation & safety manuals	/	
2 way radios condition / operation		
500hr Service		
Carry Out 250 Hour Service Schedule	/	
Add the Following:		
Change Engine Oil Filter	/	
Change Engine Oil	/	
Change Hydraulic Oil Return Filter	/	
Change Transfer Case Oil	/	
Change Front Differential Oil	/	
Change Rear Differential Oil	/	
Change Planetary Reduction(s) Oil	/	
Adjust Rear Boom Pivot Bearings	/	
Change Winch Gearbox Oil	/	
Change Winch Brake Oil	/	
1000hr Service		
Carry Out 250 / 750 Hour Service Schedule	/	
Carry Out 500 Hour Service Schedule	/	
Add the Following:		
Change Primary (Outer) Air Filter Element	/	
Change Safety (Inner) Air Filter Element	/	
Replace Fuel Filter Element	/	
Replace Fuel Pre-filter Element	/	
Adjust Valve Clearances	/	
Change Cylinder Head Valve Cover Gasket	/	
Check & Clean Engine Breather	/	
Sample Hydraulic Oil using Kit PP2128300	NA	
For cranes BEFORE serial no 25324:		
Change Auto Transmission Oil and filters	/	
For cranes AFTER serial no 25324:		
Change Auto Transmission Oil and filters	/	At 1000hrs or when instructed by oil/filter life monitor if sooner. Not applicable to transmissions filled with synthetic oil.
2000hr Service		
Carry Out 250 / 750 Hour Service Schedule		
Carry Out 500 Hour Service Schedule		
Carry Out 1000 Hour Service Schedule		
Add the Following:		
Change Engine Coolant		
Check Wear Pad "Clearance" & Boom Alignment		If Wear is Out Limits Strip & Remove ALL Pads



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5000hr Service

Inspect counterweight boss for wear, damage or weld cracks

OTHER NOTES:

- * 2/4 wd valve solenoid faulty - not switching
- * Rear Diff radius rods bushes need replacing RHS
- * Hydraulic leak from top of tele control lever - new one ordered
- * Replaced uni joint
- * Repaired damaged fitting on counterweight control lever
- * LHF mud flap torn
- * Serviced transmission
- * 2x reflectors missing - fitted new ones

Completed by:

Christian.C

Mechanic / Fitter

1-10-25

Name

Position

Date

Shelton V

2-10-28

Name

Position

Date

