



Terex Demag AC250 Service Schedule

Date: 4-5-26 Rego: YMN32M Plant ID: 950

Make	Terex	Model	AC250
Service Type	1000hr	Serial No:	82413
Service Hrs.	14,000hrs <i>13,983 hrs</i>	KM	<i>52,429 km</i>
Next Service	14,250hrs	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description	Status	Action/ Comments
250hr / 750hr Service		
CARRIER		
Check Hydraulic Pump PTO, Mounting & Bolts	/	
Check Hydraulic Tank Oil Level	/	
Check for Air Leaks ALL Points	/	
Check for Fuel Leaks ALL Points	/	
Check for oil leaks ALL points	/	
Check Transmission/ retarder oil level	/	
Check Transfer Case Oil Level	/	
Check Transfer Case Cooler System for Leaks	/	
Check ALL Differentials Oil Levels	/	
Check Planetary Reduction (s) Oil Level	/	
Check Susp Cylinder - Condition / Leaks / Positions	/	
Lubricate suspension cylinder pivots	/	EP2 grease
Check chassis frame and components for cracks or defects	/	
Check ALL Suspension components - wear / tightness	/	
Check ALL steering components - wear/ tightness/ hoses	/	
Check ALL Drive / Jack Shaft Universal Joints	/	
Check / Lube ALL Universal Joints on Drive Line	/	
Check Brake Pads/ linings wear & Record thickness	/	
	L/H	R/H
Axle 1		
Axle 2		
Axle 3		
Axle 4		
Axle 5		
Check Park Brake Operation	/	
Check Service Brake Operation	/	
Check Brake Expanding Cylinders	/	
Check Low Air Warning Devices	/	
Check all covers, panels for security	/	
Check Diff Lock Operation	/	
		Minimum Thickness = 2 mm



Terex Demag AC250 Service Schedule

Drain ALL Air Tanks of Water / Sediments	/	
Inspect steering hoses	/	
Lube ALL axles, and steering knuckle bearing	/	EP2 Grease
Top up auto greaser (if fitted)	/	EP2 Grease
Check outrigger pads, rails and retainers for condition	/	
Inspect outrigger length cables and sensors	/	
Lubricate outrigger beams	/	Lagermeister paste
Check Battery Electrolyte Level	/	
Visual Inspect Air Intake pipes & hoses	/	
Check Coolant & Inhibitor Level / Concentration	/	
Check ALL Coolant / Heater System Hoses	/	
Visual Inspect Radiator Screen & Cooler Cores for Blockage	/	
Check Fan Operation	/	
Check Alternator & A/C Compressor Mount/Bolts	/	
Check Engine Drive Belts	/	
Check Engine, Lines & Hoses for Abrasion & Position	/	
Check Engine Piping for Leaks	/	
Visual Inspect Engine Mount(s) Condition	/	
Refill Windscreen Washer Water & Test Operation	/	
Check Horn(s)	/	
Check Wiper Operation	/	
Check Wheel nut tension	/	
Check Tyre Pressures & Tyre Condition	x	Needs some tyres replaced
Check Seat Belt Condition / Operation	/	
Check ALL Work Lights	/	
Check ALL Instruments for Operation/Illumination	/	
Check clearance lights	/	
Check Head Lights HI/LO	/	
Check Stop Lights	/	
Check Reverse Light(s) & Alarm	/	
Check Indicators & Audible Warning	/	
Check ALL Warning Lights and Buzzers	/	
Spray all chrome rods with protectant	/	Decrolyn spray
Service trailer coupling and check air/electrical connections	NA	If fitted
Inspect dolly for any defects	NA	If fitted
SUPERSTRUCTURE		
Lube Slew Gear / Bearing	/	EP2 Grease
Lubricate slew gear open teeth	/	Ceplattyn spray
Check slew gearbox oil level	/	LSX90
Lubricate slew gearbox pinion bearing	/	EP2 Grease
Visually Check Slew Bolts / Gear connections	/	
Check Winch Gearbox Oil Level	/	
Lubricate (grease) winch drum bearing	/	EP2 Grease
Lubricate Hook block	/	
Lubricate main boom sliding surfaces	/	Bechem Berlub Grease
Check for correct operation of LPU and lube	/	



Terex Demag AC250 Service Schedule

Spray all chrome cylinder rods	✓	Decrolyn Spray 350
Top up auto greaser (if fitted)	✓	EP2 Grease
Lubricate Luff Cyl. Bushes	✓	EP2 Grease
Lubricate Rear Boom Pivot Bearings	✓	EP2 Grease
Inspect Main Boom Track Rollers	N/A	} NOT INSPECTED
Inspect Main Boom extension rope track rollers	N/A	
Visual check for cracks as per visual inspections list	N/A	
Check counterweight operation/ cylinder position sensors	✓	
Check Winch Rope Condition & Lubrication	✓	
Check Winch Unit Mountings & Bolts	✓	
Visual Inspection of ALL Boom Sect. Damage	✓	
Inspect ALL Sheaves on Boom Assy.	✓	
Check sheave roller bearings	✓	
Check Hoist Limit Switch Operation	✓	
Check ALL Hydraulics for Correct Operation	✓	
Check ALL Hydraulic Cyl's for Damage/Leaks	✓	
Check ALL Hydraulic Hoses for Damage/Leaks	✓	
Check ALL Wiring for Damage & Correct Routing	✓	
Check Fan Operation	✓	
Check Clearance Lights	✓	
Check ALL Work Lights	✓	
Check all override key switches return to neutral position	✓	
Check ALL Instruments for Operation/Illumination	✓	
Check Horn(s)	✓	
Check Wiper Operation	✓	
Check ALL Warning Lights and Buzzers	✓	
Check Rotating Light Operation	✓	
Check Interior Light Operation	✓	
Check AM/FM Radio Operation	✓	
Check Cabin for Water Leaks	✓	
Check Seat Mounting & Operation	✓	
Refill Windscreen Washer Water & Test Operation	✓	Upper and Lower
Check Heater Operation	✓	
Check Air Conditioning	✓	
Check all crane functions for correct operation	✓	
Lift Test Weight if Available	N/A	
Check LMI / SLI Operation / 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 / 750 Hour Service Schedule	✓	
Add the Following:		



Terex Demag AC250 Service Schedule

Replace engine oil and filters	✓	Castrol Vecton E7
Replace reduction hub oil	✓	EP85W/ 140 gear oil
Replace hydraulic return filters	✓	
Replace hydraulic breather filters	✓	
Replace air filters	✓	If necessary
Lubricate cab tilt cylinder pivots	✓	
Lubricate guide rail of sliding door	✓	
1000hr Service		
Carry Out 250 / 750 Hour Service Schedule	✓	
Carry Out 500 Hour Service Schedule	✓	
Add the Following:		
Replace differential and transfer case oil	✓	EP85W/ 140 gear oil
Replace hydraulic pressure filters	✓	
Replace winch gearbox oil	✓	Castrol SP220
Replace slew gearbox oil	✓	Castrol SP220
Adjust valve clearances/ replace gasket	N/A	In:0.45 mm Ex:0.7 mm
Fuel filters-Replace separator and main filter elements	✓	
Exhaust brake/retarder - check operation	✓	
Sample Hydraulic Oil using Kit PP2128300	N/A	
Check Slew Bolt Tension	N/A	
Visual Inspection - Boom Weldments	N/A	
Check Axle Retaining Bolts for tightness	✓	
Air Dryer - Replace Granulate Cartridge	✓	
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		Castrol Syntrans Max
Replace engine coolant		
Replace cab air intake filters		



Terex Demag AC250 Service Schedule

OTHER NOTES:

Replaced x2 Cambus cable on main lift cylinders
Changed hub oil

Airleak at air dryer - Needs investigating

Completed by:

Christian C

Mechanic / Fitter

4-8-26

Name

Position

Date

Shelton V

7-8-26

Name

Position

Date



Terex Demag AC250 Service Schedule
