



Terex EX5500 Demag Service Schedule

Date: 13-4-24 Rego: 080WKX Plant ID: 930

Make	Terex	Model	EX5500
Service Type	2,000hr	Serial No:	35220
Service Hrs.	14,000hr <u>14,010</u>	KM	<u>62286</u>
Next Service	14,250hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required ✖ Not Applicable NA

Description	Status	Action/ Comments
1000hr / 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	/	SBX2 grease
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
		Minimum Thickness = 2 mm
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	/	
Drain ALL Air Tanks of Water / Sediments	/	
Inspect steering hoses	/	



Terex EX5500 Demag Service Schedule

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	/	
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 Tyre Pressures & Tyre Condition	/	
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	NA	Lagermeister
Check for correct operation of LPU and lube	/	
Spray all chrome cylinder rods	/	Decrolyn Spray
Top up auto greaser (if fitted)	/	EP2 Grease
Lubricate Luff Cyl. Bushes	/	EP2 Grease
Lubricate Rear Boom Pivot Bearings	/	EP2 Grease



Terex EX5500 Demag Service Schedule

Inspect Main Boom Track Rollers	/	
Inspect Main Boom extension rope track rollers	/	
Visual check for cracks as per visual inspections list	/	
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 Instruments for Operation/Illumination	/	
Check Horn(s)	/	
Check Wiper Operation	/	
Check ALL Warning Lights and Buzzers	/	Replace warning light in top cab
Check Rotating Light Operation	/	
Check Interior Light Operation	/	
Check AM/FM Radio Operation If fitted	/	
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	/	
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	/	
<i>Add the Following:</i>		
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 ONLY INNER



Terex EX5500 Demag Service Schedule

Lubricate cab tilt cylinder pivots	✓		
Lubricate slew lock pin	✓		
Lubricate guide rail of sliding door	✓		
1000hr Service			
Carry Out 250 / 750 Hour Service Schedule	✓		
Carry Out 500 Hour Service Schedule	✓		
<i>Add the Following:</i>			
Replace differential and transfer case oil	✓	EP85W/140 gear oil	
Replace hydraulic pressure filters	✓		
Replace winch gearbox oil	✓	Castrol SP220	
Replace slew gearbox oil (AC140 ONLY)	✓	LSX90	
Adjust valve clearances/ replace gasket	NA		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	✓		
Visual Inspection - Boom Weldments	✓		
Check Axle Retaining Bolts for tightness	✓		
Brakes - 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	✓		
<i>Add the Following:</i>			
Replace transmission / retarder oil	✓	Castrol Syntrans Max	
Replace engine coolant	✓		
Check Wheel nut tension	✓		
Replace cab air intake filters	✓		



Terex EX5500 Demag Service Schedule

OTHER NOTES:

Completed by:

Christian.C / Mat.R

Mechanic / Fitter

13-4-24

Name

Position

Date

Shelcher

16-4-24

Name

Position

Date

