



GMK 5250 Superstructure Service Schedule

Date: 6-6-24 Rego: XN67GK Plant ID: 980

Make	Grove	Model	GMK5250XL
Service Type	500hr	Serial No:	5250 4503
Service Hrs.	4,500hr top <i>4,468</i>	KM	<i>19211</i>
Next Service	4,750hr	Due (+/- 50Hr. Reading)	

Status type: Satisfactory ✓ Action Required * Not Applicable NA

Description	Status	Action/ Comments
SUPERSTRUCTURE		
Lube Slew Gear / Bearing	/	
Top up Battery	/	
Lubricate & condition of battery terminals	/	
Check deadman seat switch	/	
Check winch operation & turn indicator	/	
Check any ECOS & EKS or CCS errors	/	
Check air intake hoses	/	
Clean fuel pre filter	/	
Check/adjust condition of drive belts	/	
Change air dryer cartridge (Adblue model only)	NA	
Change adblue filter (if fitted)	NA	
Check coolant level	/	
Check coolant/air intake hose & secure clips	/	
Top up auto lube system	/	
Lubricate slew gear open teeth	✓	
Check slew gearbox oil level	✓	
Lubricate slew gearbox pinion bearing	✓	
Visually Check Slew Bolts / Gear connections	✓	
Check Winch Gearbox Oil Level	/	
Lubricate (grease) winch drum bearing	/	
Lubricate Hook block	/	
Lubricate main boom sliding surfaces	/	
Check for correct operation of LPU and lube	/	
Clean boom slip ring (both inner and out drums)	/	Recommendation only
Spray all chrome cylinder rods	/	
Top up auto greaser (if fitted)	/	
Lubricate Luff Cyl. Bushes	/	
Lubricate Rear Boom Pivot Bearings	/	
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	/	



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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	/	
Check Heater Operation	/	Replaced Fuel Filter
Check Air Conditioning	/	
Check all crane functions for correct operation	/	
Lift Test Weight if Available	NA	
Check LMI / SLI Operation / Calibration	/	
Anti-two block operational	/	
Boom length & angle indicators	/	
Manual boom length & angle indicators	/	
Test boom telescope operation	/	
Test operation of ECOS or EKS	/	
Lubricate counterweight operations	/	
Level indicators	/	
Emergency controls (E-Stops)	/	
Operation & safety manuals	/	
2 way radios condition / operation	/	



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500hr Service		
Carry Out 250 / 750 Hour Service Schedule	/	
<i>Add the Following:</i>		
Replace engine oil and filters	NA	
Replace hydraulic return filters	/	
Replace hydraulic breather filters	/	
Replace air filters – If necessary	NA	
Lubricate cab tilt cylinder pivots	/	
Lubricate slew lock pin	/	
Lubricate guide rail of sliding door	/	

OTHER NOTES:

- * Small coolant leak from hose - tightened clamp + checked OK.
- * Small amount of play in tie rod ends on drag link
- * Both winch oils needed a top up.
- * Repair damaged bracket + bolt on rear of engine

Completed by:

Christian C

Name

Mechanic / Fitter

6-6-24

Position

Date

Sheldan V

Name

Position

6-6-24

Date

