



GMK 5250 Superstructure Service Schedule

Date: 16-10-25 Rego: XN67GK Plant ID: 980

Make	Grove	Model	GMK5250XL
Service Type	1000hr Top	Serial No:	5250 4503
Service Hrs.	6000hr	KM	27875
Next Service	6250hr	Due (+/- 50Hr. Reading)	5972

Status type: Satisfactory ✓ Action Required * Not Applicable NA		
Description	Status	Action/ Comments
SUPERSTRUCTURE		
Lube Slew Gear / Bearing	/	
Lubricate slew gear open teeth	/	
Check slew gearbox oil level	/	
Lubricate slew gearbox pinion bearing	/	
Change oil in slew & brake & fill to level	/	
Top up Batteries	✓	
Lubricate & condition of battery terminals	✓	
Clean fuel pre filter	/	
Check/adjust condition of drive belts	/	
Change adblue filter	NA	If fitted
Check report any leaks	/	
Top up auto lube system	/	
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	/	
Spray all chrome cylinder rods	/	
Top up auto greaser (if fitted)	/	
Lubricate Luff Cyl. Bushes	/	
Lubricate Rear Boom Pivot Bearings	/	
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	/	
Lubricate hoist gear	/	
Check Winch Unit Mountings & Bolts	/	
Visual Inspection of ALL Boom Sect. Damage	/	
Inspect ALL Sheaves on Boom Assy.	/	
Check sheave roller bearings	/	

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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	/	
Clean magnetic rod	/	
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	/	
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 & OUTRIGGER LUBRICATION		
Manual boom length & angle indicators	/	
Lube outrigger beams	/	
Boom length & angle indicators	/	
Clean boom slip ring (both inner and outer drums)	/	
Level indicators	/	
Emergency controls (E-Stops)	/	
OTHER MAINTENANCE WORK		
Lubricate counterweight hoist unit	/	
Test boom telescope operation	/	
Test derricking operation (luffing)	/	
Test counterweight operation	/	
Test operation of ECOS or EKS	/	
Check LMI & warning systems	/	
Wash down crane, detail cab if applicable	NA	
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	/	
Replace reduction hub oil	NA	
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	/	
<i>Add the Following:</i>		
Replace reduction hub oil	NA	
Replace hydraulic pressure filters	/	
Replace winch gearbox oil	/	
Replace slew gearbox oil	/	
Adjust valve clearances/ replace gasket		
Fuel filters-Replace separator and main filter elements	/	
Exhaust brake/retarder - check operation	/	
Sample Hydraulic Oil using Kit PP2128300		
Check Slew Bolt Tension		
Visual Inspection - Boom Weldmentsaad	/	
Check Axle Retaining Bolts for tightness	NA	
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		
Replace engine coolant		
Replace differential and transfer case oil		
Replace cab air intake filters		



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OTHER NOTES:

Completed by:

Christian C

Name

Mechanic / Fitter 17-10-25

Position

Date

Sheldon

17-10-25