



GMK 5250 Superstructure Service Schedule

Date: 24-10-26 Rego: XN67GK Plant ID: 980

Make	Grove	Model	GMK5250XL
Service Type	1000hr Top	Serial No:	5250 4503
Service Hrs.	7000hr <u>7010 hrs</u>	KM	<u>35570 kms</u>
Next Service	7250hr	Due (+/- 50Hr. Reading)	

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		
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		
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		
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	N/A	
Check Slew Bolt Tension		
Visual Inspection - Boom Weldmentsaad	✓	
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		
<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:

* Replace blown globes in both tail lights

Completed by:

Christian.C / Coke.R

Name

Mechanic / Fitter

Position

24.10.26

Date

Sheldan ✓

26.10.26