



GMK 5250 Superstructure Service Schedule

Date: 17/09/21 Rego: XQ04PU Plant ID: 980

Make	Grove	Model	GMK5250XL
Service Type	250hr	Serial No:	5250 4503
Service Hrs.	750hr (Top)	KM	3,436km
Next Service	1,000hr	Due <i>(+/- 50Hr. Reading)</i>	

Status type: Satisfactory ✓ **Action Required *** **Not Applicable NA**

Description	Status	Action/ Comments
SUPERSTRUCTURE		
Check Lube Slew Gear / Bearing	✓	
Check 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	✓	
Check fuel pre filter	✓	
Check/adjust condition of drive belts	✓	
Check air dryer cartridge (Adblue model only)	N/A	
Check adblue filter (if fitted)		
Check coolant level	✓	
Check coolant/air intake hose & secure clips	✓	
Check auto lube system	✓	Completed by Driver 17.09.21
Check slew gear open teeth	✓	
Check slew gearbox oil level	✓	
Check slew gearbox pinion bearing	✓	
Visually Check Slew Bolts / Gear connections	✓	
Check Winch Gearbox Oil Level	✓	
Check winch drum bearing	✓	
Check Hook block	✓	
Check main boom sliding surfaces	✓	
Check for correct operation of LPU and lube	✓	
Check boom slip ring (both inner and out drums)	✓	Recommendation only
Check chrome cylinder rods	✓	
Check/top up auto greaser	✓	
Check Cyl. Bushes	✓	
Check 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	✓	
Check Windscreen Washer Water & Test Operation	✓	
Check Heater Operation	✓	
Check Air Conditioning	✓	
Check all crane functions for correct operation	✓	
Check test Weight	-	
Check LMI / SLI Operation / Calibration	✓	
Check Anti-two block operational	✓	
Check boom length & angle indicators	✓	
Check manual boom length & angle indicators	✓	
Check boom telescope operation	✓	
Check operation of ECOS or EKS	✓	
Check Lubricate counterweight operations	✓	
Check Level indicators	✓	
Check emergency controls (E-Stops)	✓	
Check Operation & safety manuals	✓	
Check 2 way radios condition / operation	✓	



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

OTHER NOTES:

Completed by:	Duncan Barclay	Mechanic / Fitter	17/09/21
	Name	Position	Date

Reviewed by:	Service Admin		
	Name	Position	Date