

GMK 6400 Superstructure Service Schedule

Date: 20-10-25 Rego: XN67GK Plant ID: 400

Make	Grove	Model	GMK6400
Service Type	250hr	Serial No:	6400 2120
Service Hrs.	5,750hr (Top)	KM	33676
Next Service	6,000hr	Due (+/- 50Hr. Reading)	

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)	✓	
Check adblue filter (if fitted)	✓	
Check coolant level	✓	
Check coolant/air intake hose & secure clips	✓	
Check auto lube system	✓	
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	✓	Needs Greasing
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		
Add the Following:		
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:

- * Repair blocked windscreen washer jets
- * Replaced worn sling on front cab for hook stowage
- * Replaced missing + tightened loose bolts on STAFF line clamps
- * Cleaned cab pollen filter
- * Replaced missing clevis pin on the dollies RHR brake booster
- * tightened loose bolts on guards

Completed by:

Christian C

Name

Mechanic / Fitter

20-10-25

Position

Date

Sheldon V

Name

21-10-25

Position

Date

