



Slewing	Transmission	Carrier	Telescoping	Engine	Superstructure
					
h min	h min	h min	h min	h min	h min
Derricking	Tele cylinder pinning	Jib	Hoist	Auxiliary hoist	Mileage
					
h min	cycles	h min	h min	h min	km

GMK5120L

Model/SN:

51205181

Date:

26-10-26

Engine

231 hrs 708

Check air filter condition
 Check the coolant level
 Change oil and oil filter
 Replace air filter
 Take oil samples (if required)
 Change coolant (Y3)

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			
☒			
☒			
☒			
☒			
☒			

Fuel system

Change fuel filter 1
 Change fuel filter 2

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			
☒			

Hydraulic system

Check oil level
 Check hydraulic hoses (condition)
 Check for leaks
 Clean the magnetic rods
 Change the hydraulic oil filter
 Change the ventilation filter
 Take oil samples (if required)
 Change the oil

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			
☒			
☒			
☒			
☒			
☒			
☒			

Angle drive

Replace oil

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			

Winchs

Drain and replce oil

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			

Slew motors

Drain and replace oil

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			

Wheels

Check tyres for damage
 Check the tightness of wheel nuts

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			
☒			

Vehicle brake

Check brake-lining thickness/condition

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			

Electrical system

Check operation of lights and indicators
 Check the batteries

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			
☒			

A/C system

Check the air-conditioning system

250 hrs	500 hrs	1000 hrs	2000 hrs
☒			

		250 hrs	500 hrs	1000 hrs	2000 hrs
<u>Transmission</u>	Check the oil level Take oil samples (if required) Change transmission oil and filter (Y3)				
<u>Transfer case</u>	Check oil level Change the oil Take oil samples (if required)				
<u>Axle lines</u>	Check the oil level on axle centre drives Final drives – Check the oil level Lubricate the cardan shafts on the axle lines Lubricate longitudinal cardan shafts Axle centre drives – change the oil Final drives – change the oil Take oil samples (if required)				
<u>Steering</u>	Check for leaks and general operation				
<u>Suspension</u>	Suspension struts – Check the oil level Suspension struts – Check the fastening Forced lever – Check correct functioning Pressure accumulator – Check the gas pressure				
<u>Air system</u>	Check for leaks Drain water from system Replace air dryer				
<u>Lubrication</u>	Check and fill autogreasers Grease slewing Lubricate winchropes				
<u>Adblue filter</u>	Replacing the particulate filter (if present)				
<u>Additional work</u>	Check windscreen washer level and operation Lubricate the outriggers				

Comments

Name and Signature:

Mat Alvarado *2-10-20*



Make: GROVE Model/SN: 51205186

Date/Hrs: 231 (26-10-26)
250/750

Superstructure

Engine

check the engine oil level
check air filter condition
check the coolant level
general inspection of engine
change the oil and oil filter
Take oil samples
change coolant

hrs	500 hrs	1000 hrs	2000 hrs
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

Fuel system

drain water from fuel separator
change fuel filter 1
change fuel filters 2 and 3

hrs	500 hrs	1000 hrs	2000 hrs
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

Hydraulic system

check oil level
check hydraulic hoses
check for leaks
check ventilation filter
change the hydraulic oil filter
Oil filter 1 – Clean the magnetic rods
change the ventilation filter
Pressure accumulator – Check the gas pressure
Taking oil samples
change the hydraulic oil

hrs	500 hrs	1000 hrs	2000 hrs
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

Electrical system

check operation of lights and indicators
Check the batteries

hrs	500 hrs	1000 hrs	2000 hrs
☒	☐	☐	☐
☒	☐	☐	☐

Hoist system

check oil level
general inspection
check hoist brake operation

hrs	500 hrs	1000 hrs	2000 hrs
☒	☐	☐	☐
☒	☐	☐	☐
☒	☐	☐	☐

change the oil/Check the oil
Take oil samples

Slewing gear

check oil level
check for leaks
Check the slewing gear brake
change the oil/Check the oil
Take oil samples
Lubricate the slewing angle sensor

Slew ring

Check the bolt torques
Lubricate gear teeth
General inspection
Measuring tilting play

250/750
hrs 500 hrs 1000 hrs 2000 hrs

hoist rope

check condition
Lubricate the hoist rope

Main boom

Lubricate luff rod
Check the sheaves
Lubricate the telescopic pins
Check the locking system
Maintenance of the slip ring assemblies

Auto lube

check the grease level

--	--	--	--

A/C system

Check the air-conditioning system
Clean the condenser fins
Check hoses
Check the entire air conditioning system

Hook blocks

Check the sheaves
Lubricate

Additional work

check windscreen washer level and operation
Lubricate the cabin door track rollers
Lubricate the connecting and socket pins

Comments

Name and Signature

