



ROADS, STRUCTURES & MAINTENANCE

EXCAVATOR

SERVICING SCHEDULE

Date: 11/07/2025
 LR No: LR444
 Rego: XW96GP

VIN: CAT00320KHGX02560
 KMs/Hours: 5767
 Service Type: 500

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	x			ai
2	Inspect	Seat belt for damage, fraying & anchor bolt security	x			ai
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	x			ai
4	Check	Windscreen & other glass in the cab for chips or cracks	x			ai
5	Check	Operation of window winders & door handles	x			ai
6	Check	Pedal rubbers are on & in good condition	x			ai
7	Check	For breakdown triangles, condition & complete set	x			ai
8	Check	For first aid kit, in date & complete	x			ai
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	x			ai
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	x			ai
11	Check	Operation of AM / FM radio & UHF radio	x			ai
12	Check	Operation of horn	x			ai
13	Check	Operation of E-Stops	x			ai
14	Check	Wipers & Washers	x			ai
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	x			ai

a

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	x			ai
17	Check	Operation of Air Conditioner	x			ai
18	Test	Operation of joystick control levers (lock to lock)	x			ai
19	Test	Operation of slew brake is within OEM Specs			x	ai
20	Test	Operation of track drive controls for even operation	x			ai
21	Test	Operation of Blade controls	x			ai
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	x			ai
23	Test	Operator seat belt & safety arms lock out is operating correctly	x			ai
24	Check	Hydraulic lock out is operating correctly & the override switch	x			ai
25	Check	Operation of bucket quick hitch, lubricate	x			ai
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	x			ai
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	x			ai
28	Check	Emergency equipment lowering control			x	ai
29	Check	Using a scan tool check for faults			x	ai
30	Check	DPF / DET Status & conduct manual burn if required			x	ai

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below						
No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	x			fb
32	Inspect	ROP's for security & integrity	x			fb
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	x			fb
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	x			fb
35	Check	Rear vision mirrors & brackets for condition & operation	x			fb
36	Check	Steps & handrails for security	x			fb
37	Check	Guarding for condition & security	x			fb
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect			x	fb
39	Check	For metal fatigue in chassis, cross members & tow hitch	x			fb
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	x			fb
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	x			fb
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	x			fb
43	Inspect	All grease lines & fittings for damage / security & grease penetration	x			fb
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	x			fb
45	Inspect	Tow hitch / pin	x			fb
46	Check	Hazard warning / component location Decals	x			fb
UNDER BONNET / ENGINE BAY						
No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	x			fb
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	x			fb
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	x			fb
50	Inspect	Engine for oil leaks & damaged hoses	x			fb
51	Check	Engine mounts for wear & security	x			fb
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	x			fb
53	Check	Alternator pulley, mountings, bearings & idler pulleys	x			fb
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	x			fb
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	x			fb
56	Inspect	Fan blades for cracks, wear, damage & security	x			fb
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	x			fb
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	x			fb
59	Check	Electrical harnesses / connections for damage & security	x			fb
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	x			fb
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	x			fb
POWER TRAIN						
No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	x			ai
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	x			ai
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	x			ai
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	x			ai
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	x			ai
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	x			ai

68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						x				ai
69	Measure	LHS Track: mm			RHS Track: mm			x				ai
70	Inspect	All grease lines for damage / security & grease penetration						x				ai
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						x				ai
AFTER EVERY SERVICE												
Check / Change or Adjust												
No.	ACTION	CHECKS						S	US	N/A	Initial	
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6					
	Intake											
	Exhaust											
73	Check	Glow Plugs for power & conduct a continuity test on each plug									x	fb
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary									x	fb
2000 HOUR SERVICE												
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places										
		0'	90'	180'	270'					x		fb
LUBRICATION SHEDULE												
EVERY SERVICE												
1	Lubricate		All grease points:					x				fb
fb												
2	SOS		Engine Oil:									fb
500 Hour Service												
3	SOS		Hydraulic Oil:					Transmission:				
			Front Differential:					Rear Differential:				
			P1 Final Drive:					P2 Final Drive:				
3	SOS		P3 Final Drive:					P4 Final Drive:				
4	Change		Engine Oil:									
5	Change Filters		Engine Oil (Cut/Inspect):				x	Primary Air Filter:				
			Fuel / Water Separator:				x	Secondary Fuel:			x	
6	Inspect / Change		Secondary Air Filters:				x	Signs of Dusting Y / N:			x	
7	Inspect / Clean		Air Cleaner Dust Bowl:				x	Fuel Tank Strainer:			x	
8	Inspect / Clean / Change		Engine Breather:				x					
9	Check / Top up		Coolant:				x					
1000 Hour Service												
10	Change Filters		Hydraulic Oil:					Transmission Oil:				
2000 Hour Service												
11	SOS		Coolant:									
12	Change		Front Differential Oil:					Rear Differential Oil:				
			P1 Final Drive Oil:					P2 Final Drive Oil:				
			P3 Final Drive Oil:					P4 Final Drive Oil:				
13	Change Filters		Hydraulic Tank Breather:					Fuel Tank Cap Filter:				
			(OCV) Open Crankcase Filter:									
3000 Hour Service												
14	Change		Hydraulic Oil on SOS:									
5000 Hour Service												
15	Change		DEF Filter:					DEF Injector:				
			ARD Spark Plug:									
16	Clean		DPF:									

AFTER EVERY SERVICE

Check

All fluid levels, Correct Running operation of machine

DEFECTS / COMENTS & PARTS TO BE ORDERED	
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SERVICE COMPLETION DECLARATION

Mechanic / Supervisor Signature

Service Completion Date

Name of Mechanic / Supervisor



LINCT GROUP

ROADS, STRUCTURES & MAINTENANCE

EXCAVATOR

SERVICING SCHEDULE

Date: 06/10/25
 LR No: LR444
 Rego: _____

VIN: _____
 KMs/Hours 6081.9
 Service Type: _____

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	/			AI
2	Inspect	Seat belt for damage, fraying & anchor bolt security	/			AI
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	/			AI
4	Check	Windscreen & other glass in the cab for chips or cracks	/			AI
5	Check	Operation of window winders & door handles	/			AI
6	Check	Pedal rubbers are on & in good condition	/			AI
7	Check	For breakdown triangles, condition & complete set			/	
8	Check	For first aid kit, in date & complete	/			AI
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	/			AI
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	/			AI
11	Check	Operation of AM / FM radio & UHF radio	/			AI
12	Check	Operation of horn	/			AI
13	Check	Operation of E-Stops	/			AI
14	Check	Wipers & Washers	/			AI
15	Check	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	/			AI

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	/			AI
17	Check	Operation of Air Conditioner	/			AI
18	Test	Operation of joystick control levers (lock to lock)	/			AI
19	Test	Operation of slew brake is within OEM Specs	/			AI
20	Test	Operation of track drive controls for even operation	/			AI
21	Test	Operation of Blade controls			/	
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	/			AI
23	Test	Operator seat belt & safety arms lock out is operating correctly	/			AI
24	Check	Hydraulic lock out is operating correctly & the override switch	/			AI
25	Check	Operation of bucket quick hitch, lubricate	/			AI
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	/			AI
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	/			AI
28	Check	Emergency equipment lowering control			/	

29	Check	Using a scan tool check for faults				
30	Check	DPF / DET Status & conduct manual burn if required				

FRAME & BODY

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below

No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	/			TH
32	Inspect	ROP's for security & integrity	/			TH
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	/			TH
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	/			TH
35	Check	Rear vision mirrors & brackets for condition & operation	/			TH
36	Check	Steps & handrails for security	/			TH
37	Check	Guarding for condition & security	/			TH
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	/			TH
39	Check	For metal fatigue in chassis, cross members & tow hitch	/			TH
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	/			TH
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	/			TH
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	/			TH
43	Inspect	All grease lines & fittings for damage / security & grease penetration	/			TH
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	/			TH
45	Inspect	Tow hitch / pin	/			TH
46	Check	Hazard warning / component location Decals	/			TH

UNDER BONNET / ENGINE BAY

No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	/			TH
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	/			TH
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	/			TH
50	Inspect	Engine for oil leaks & damaged hoses	/			TH
51	Check	Engine mounts for wear & security	/			TH
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	/			TH
53	Check	Alternator pulley, mountings, bearings & idler pulleys	/			TH
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	/			TH
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	/			TH
56	Inspect	Fan blades for cracks, wear, damage & security	/			TH
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	/			TH
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	/			TH
59	Check	Electrical harnesses / connections for damage & security	/			TH
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	/			TH
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	/			TH

POWER TRAIN

No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	/			TH
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	/			TH
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	/			TH
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	/			TH
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	/			TH

67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary									
68	Inspect/Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)									
69	Measure	LHS Track:		mm		RHS Track:		mm			
70	Inspect	All grease lines for damage / security & grease penetration									
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing									
1000 HOUR SERVICE											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake										
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug									
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary									
2000 HOUR SERVICE											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									
		0'	90'	180'	270'						
LUBRICATION SHEDULE											
EVERY SERVICE											
1	Lubricate	All grease points:									
250 HOUR SERVICE											
2	SOS	Engine Oil:									
500 Hour Service											
3	SOS	Hydraulic Oil:					Transmission:				
		Front Differential:					Rear Differential:				
		P1 Final Drive:					P2 Final Drive:				
3	SOS	P3 Final Drive:					P4 Final Drive:				
4	Change	Engine Oil:									
5	Change Filters	Engine Oil (Cut/Inspect):					Primary Air Filter:				
		Fuel / Water Separator:					Secondary Fuel:				
6	Inspect / Change	Secondary Air Filters:					Signs of Dusting Y / N:				
7	Inspect / Clean	Air Cleaner Dust Bowl:					Fuel Tank Strainer:				
8	Inspect / Clean / Change	Engine Breather:									
9	Check / Top up	Coolant:									
1000 Hour Service											
10	Change Filters	Hydraulic Oil:					Transmission Oil:				
2000 Hour Service											
11	SOS	Coolant:									
12	Change	Front Differential Oil:					Rear Differential Oil:				
		P1 Final Drive Oil:					P2 Final Drive Oil:				
		P3 Final Drive Oil:					P4 Final Drive Oil:				
13	Change Filters	Hydraulic Tank Breather:					Fuel Tank Cap Filter:				
		(OCV) Open Crankcase Filter:									
3000 Hour Service											
14	Change	Hydraulic Oil on SOS:									
5000 Hour Service											
15	Change	DEF Filter:					DEF Injector:				
		ARD Spark Plug:									
16	Clean	DPF:									

AFTER EVERY SERVICE

17	Check	All fluid levels, Correct Running operation of machine
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DEFECTS / COMENTS & PARTS TO BE ORDERED

- Hose from engine oil filter to sump leaks (minor)

524-3753 - Hose

- Engine Quick fill fitting leaks

583-5104 - fitting AS

2V-2043 - Nut

- Hydraulic Quick fill fitting leaks

583-5100 - fitting AS

117-8568 - Nut

SERVICE COMPLETION DECLARATION

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

Kane Appiah
Mechanic / Supervisor Signature

07/10/25
Service Completion Date

Name of Mechanic / Supervisor



ROADS, STRUCTURES & MAINTENANCE

EXCAVATOR

SERVICING SCHEDULE

Date: 29.05.25
 LR No: LR444
 Rego: XW96GP

VIN: HEX02560
 KMs/Hours: 5512
 Service Type: 250HR

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	x			AI
2	Inspect	Seat belt for damage, fraying & anchor bolt security	x			FB
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	x			FB
4	Check	Windscreen & other glass in the cab for chips or cracks	x			FB
5	Check	Operation of window winders & door handles	x			FB
6	Check	Pedal rubbers are on & in good condition	x			FB
7	Check	For breakdown triangles, condition & complete set	x			FB
8	Check	For first aid kit, in date & complete	x			FB
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	x			FB
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	x			AI
11	Check	Operation of AM / FM radio & UHF radio	x			AI
12	Check	Operation of horn	x			AI
13	Check	Operation of E-Stops	x			AI
14	Check	Wipers & Washers	x			AI
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	x			AI

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	x			FB
17	Check	Operation of Air Conditioner	x			FB
18	Test	Operation of joystick control levers (lock to lock)	x			FB
19	Test	Operation of slew brake is within OEM Specs	x			FB
20	Test	Operation of track drive controls for even operation	x			FB
21	Test	Operation of Blade controls	x			FB
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	x			FB
23	Test	Operator seat belt & safety arms lock out is operating correctly	x			FB
24	Check	Hydraulic lock out is operating correctly & the override switch	x			FB
25	Check	Operation of bucket quick hitch, lubricate	x			FB
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	x			FB
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	x			FB
28	Check	Emergency equipment lowering control	x			FB
29	Check	Using a scan tool check for faults			x	FB
30	Check	DPF / DET Status & conduct manual burn if required			x	FB

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below

No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	<i>x</i>			<i>AI</i>
32	Inspect	ROP's for security & integrity	<i>x</i>			<i>AI</i>
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	<i>x</i>			<i>AI</i>
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	<i>x</i>			<i>AI</i>
35	Check	Rear vision mirrors & brackets for condition & operation	<i>x</i>			<i>AI</i>
36	Check	Steps & handrails for security	<i>x</i>			<i>AI</i>
37	Check	Guarding for condition & security	<i>x</i>			<i>AI</i>
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	<i>x</i>			<i>AI</i>
39	Check	For metal fatigue in chassis, cross members & tow hitch	<i>x</i>			<i>AI</i>
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	<i>x</i>			<i>AI</i>
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	<i>x</i>			<i>AI</i>
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	<i>x</i>			<i>AI</i>
43	Inspect	All grease lines & fittings for damage / security & grease penetration	<i>x</i>			<i>AI</i>
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	<i>x</i>			<i>AI</i>
45	Inspect	Tow hitch / pin	<i>x</i>			<i>AI</i>
46	Check	Hazard warning / component location Decals	<i>x</i>			<i>AI</i>

UNDER BONNET / ENGINE BAY

No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	<i>x</i>			<i>FB</i>
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	<i>x</i>			<i>FB</i>
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	<i>x</i>			<i>FB</i>
50	Inspect	Engine for oil leaks & damaged hoses	<i>x</i>			<i>FB</i>
51	Check	Engine mounts for wear & security	<i>x</i>			<i>FB</i>
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	<i>x</i>			<i>FB</i>
53	Check	Alternator pulley, mountings, bearings & idler pulleys	<i>x</i>			<i>FB</i>
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	<i>x</i>			<i>FB</i>
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	<i>x</i>			<i>FB</i>
56	Inspect	Fan blades for cracks, wear, damage & security	<i>x</i>			<i>FB</i>
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	<i>x</i>			<i>FB</i>
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	<i>x</i>			<i>FB</i>
59	Check	Electrical harnesses / connections for damage & security	<i>x</i>			<i>FB</i>
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	<i>x</i>			<i>FB</i>
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	<i>x</i>			<i>FB</i>

POWER TRAIN

No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	<i>x</i>			<i>AI</i>
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	<i>x</i>			<i>AI</i>
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	<i>x</i>			<i>AI</i>
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	<i>x</i>			<i>AI</i>
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	<i>x</i>			<i>AI</i>
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	<i>x</i>			<i>AI</i>

68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						x			AI		
69	Measure	LHS Track:		mm		RHS Track:		mm				x	AI
70	Inspect	All grease lines for damage / security & grease penetration								x			AI
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing								x			AI
1000 HOUR SERVICE													
Check / Change or Adjust													
No.	ACTION	CHECKS							S	US	N/A	Initial	
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6						
	Intake												
	Exhaust												
73	Check	Glow Plugs for power & conduct a continuity test on each plug											
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary											
2000 HOUR SERVICE													
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places											
		0'	90'	180'	270'								
LUBRICATION SHEDULE													
EVERY SERVICE													
1	Lubricate		All grease points:										
2	SOS		Engine Oil:										
500 Hour Service													
3	SOS	Hydraulic Oil:						Transmission:					
		Front Differential:						Rear Differential:					
		P1 Final Drive:						P2 Final Drive:					
3	SOS	P3 Final Drive:						P4 Final Drive:					
4	Change		Engine Oil:				FB						
5	Change Filters		Engine Oil (Cut/Inspect):				FB		Primary Air Filter:				
			Fuel / Water Separator:				AI		Secondary Fuel:				
6	Inspect / Change		Secondary Air Filters:				AI		Signs of Dusting Y / N:				
7	Inspect / Clean		Air Cleaner Dust Bowl:						Fuel Tank Strainer:				
8	Inspect / Clean / Change		Engine Breather:										
9	Check / Top up		Coolant:				AI						
1000 Hour Service													
10	Change Filters		Hydraulic Oil:						Transmission Oil:				
2000 Hour Service													
11	SOS		Coolant:										
12	Change		Front Differential Oil:						Rear Differential Oil:				
			P1 Final Drive Oil:						P2 Final Drive Oil:				
			P3 Final Drive Oil:						P4 Final Drive Oil:				
13	Change Filters		Hydraulic Tank Breather:						Fuel Tank Cap Filter:				
			(OCV) Open Crankcase Filter:										
3000 Hour Service													
14	Change		Hydraulic Oil on SOS:										
5000 Hour Service													
15	Change		DEF Filter:						DEF Injector:				
			ARD Spark Plug:										
16	Clean		DPF:										

AFTER EVERY SERVICE

Check

All fluid levels, Correct Running operation of machine

[illegible][illegible]

SERVICE COMPLETION DECLARATION

Isaac/Franz	29.05.25
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Mechanic / Supervisor Signature	Service Completion Date
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29.05.25

Service Completion Date

Name of Mechanic / Supervisor



EXCAVATOR SERVICING SCHEDULE

Date:	<u>21.10.23</u>	Serial Number:	<u>HEX02560</u>
Unit Number:	<u>LR444</u>	Mechanic:	<u>Robert Arnsby</u>
Rego Number:	<u>XW96GP</u>	Mechanic:	
Service Type:	<u>500</u>	Serviceman:	
Kilometres:		Operator:	
Hours:	<u>4,654</u>	Spotter:	

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	X			RA
2	Inspect	Seat belt for damage, fraying & anchor bolt security	X			RA
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	X			RA
4	Check	Windscreen & other glass in the cab for chips or cracks	X			RA
5	Check	Operation of window winders & door handles	X			RA
6	Check	Pedal rubbers are on & in good condition	X			RA
7	Check	For breakdown triangles, condition & complete set	X			RA
8	Check	For a first aid kit, in date & complete	X			RA
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	X			RA
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	X			RA
11	Check	Operation of AM / FM radio & UHF radio	X			RA
12	Check	Operation of horn	X			RA
13	Check	Operation of E-Stops	X			RA
14	Check	Wipers & Washers	X			RA
15	Check	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	X			RA

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Connect	For excessive exhaust smoke or abnormal noises / vibrations	X			RA
17	Check	Operation of Air Conditioner	X			RA
18	Test	Operation of joystick control levers (lock to lock)	X			RA
19	Test	Operation of slew brake is within OEM Specs	X			RA
20	Test	Operation of track drive controls for even operation	X			RA
21	Test	Operation of Blade controls			X	RA
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	X			RA
23	Test	Operator seat belt & safety arms lock out is operating correctly	X			RA
24	Check	Hydraulic lock out is operating correctly & the override switch				RA
25	Check	Operation of bucket quick hitch, lubricate		X		RA

26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration		X		RA
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	X			RA
28	Test	Emergency equipment lowering control			X	RA
29	Check	Using a scan tool check for faults	X			RA
30	Check	DPF / DET Status & conduct manual burn if required	X			RA
FRAME & BODY						
<i>Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below</i>						
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	X			RA
32	Inspect	ROP's for security & integrity	X			RA
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	X			RA
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	X			RA
35	Check	Rear vision mirrors & brackets for condition & operation	X			RA
36	Check	Steps & handrails for security	X			RA
37	Check	Guarding for condition & security	X			RA
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect		X		RA
39	Check	For metal fatigue in chassis, cross members & tow hitch	X			RA
40	Inspect	All hydraulic hoses for signs of rubbing, leaks & deterioration	X			RA
41	Check / Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	X			RA
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	X			RA
43	Inspect	All grease lines & fittings for damage / security & grease penetration		X		RA
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	X			RA
45	Inspect	Tow hitch / pin	X			RA
46	Check	Hazard warning / component location Decals	X			RA
UNDER BONNET / ENGINE BAY						
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	X			RA
48	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	X			RA
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	X			RA
50	Inspect	Engine for oil leaks & damaged hoses	X			RA
51	Check	Engine mounts for wear & security	X			RA
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	X			RA
53	Check	Alternator pulley, mountings, bearings & idler pulleys	X			RA
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	X			RA
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	X			RA
56	Inspect	Fan blades for cracks, wear, damage & security	X			RA
57	Check	Radiator mountings, coolant leakage & air flow through radiator (Clean when required)	X			RA
58	Inspect	Coolant, heater hoses, clamps for condition, leaks & tension	X			RA
59	Inspect	Electrical harnesses / connections for damage & security	X			RA
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	X			RA
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	X			RA

POWER TRAIN											
No.	ACTION	CHECKS						S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks						X			RA
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks						X			RA
64	Inspect / Re-Locate	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required						X			RA
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates						X			RA
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape						X			RA
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary						X			RA
68	Inspect / Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						X			RA
69	Measure	LHS Track:		mm	RHS Track:		mm				RA
70	Inspect	All grease lines for damage / security & grease penetration						X			RA
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						X			RA
1000 HOUR SERVICE											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake										
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug									
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary									
2000 Hour Service											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									
		0'	90'	180'	270'						
LUBRICATION SCHEDULE											
EVERY SERVICE											
1	Lubricate	All grease points:				RA					
250 HOUR SERVICE											
2	SOS	Engine Oil:				RA					
3	Change	Engine Oil:				RA					
500 Hour Service											
4	SOS	Hydraulic Oil:				RA	Swing Drive Oil:				
		P1 Final Drive Oil:				RA	P2 Final Drive Oil:			RA	
5	Change	P1 Final Drive Oil:				NA	P2 Final Drive Oil:			NA	
6	Change Filters	Engine Oil (Cut/Inspect):				RA	Primary Air Filter:			RA	
		Fuel / Water Separator:				RA	Secondary Fuel:			RA	
		Hydraulic (Case Drain):				NA	Hydraulic (Pilot):			NA	
		Hydraulic (Return):				NA					
		External Cab:				RA	Internal Cab:			RA	
7	Inspect / Change	Secondary Air Filters:				RA	Signs of Dusting Y / N:			N	
8	Inspect / Clean	Air Cleaner Dust Bowl:				NA	Fuel Tank Strainer:			NA	
9	Inspect / Clean / Change	Engine Breather:				RA					
10	Check / Top up	Coolant:				RA					
1000 Hour Service											
11	SOS	Pump Drive:									

[illegible]



ROADS, STRUCTURES & MAINTENANCE

EXCAVATOR

SERVICING SCHEDULE

Date: 18.2.26
 LR No: LR444
 Rego: xw96gp

VIN: hex02560
 KMs/Hours: 6283
 Service Type: 1000hr

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	x			bs
2	Inspect	Seat belt for damage, fraying & anchor bolt security	x			bs
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	x			bs
4	Check	Windscreen & other glass in the cab for chips or cracks		x		bs
5	Check	Operation of window winders & door handles	x			bs
6	Check	Pedal rubbers are on & in good condition	x			bs
7	Check	For breakdown triangles, condition & complete set	x			bs
8	Check	For first aid kit, in date & complete	x			bs
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	x			bs
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	x			bs
11	Check	Operation of AM / FM radio & UHF radio	x			bs
12	Check	Operation of horn	x			bs
13	Check	Operation of E-Stops	x			bs
14	Check	Wipers & Washers	x			bs
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	x			bs

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	x			bs
17	Check	Operation of Air Conditioner	x			bs
18	Test	Operation of joystick control levers (lock to lock)	x			bs
19	Test	Operation of slew brake is within OEM Specs	x			bs
20	Test	Operation of track drive controls for even operation	x			bs
21	Test	Operation of Blade controls	x			bs
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	x			bs
23	Test	Operator seat belt & safety arms lock out is operating correctly		x		bs
24	Check	Hydraulic lock out is operating correctly & the override switch	x			bs
25	Check	Operation of bucket quick hitch, lubricate	x			bs
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration		x		bs
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	x			bs
28	Check	Emergency equipment lowering control	x			bs
29	Check	Using a scan tool check for faults			x	bs
30	Check	DPF / DET Status & conduct manual burn if required			x	bs

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below						
No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	x			bs
32	Inspect	ROP's for security & integrity	x			bs
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	x			bs
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	x			bs
35	Check	Rear vision mirrors & brackets for condition & operation	x			bs
36	Check	Steps & handrails for security	x			bs
37	Check	Guarding for condition & security	x			bs
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	x			bs
39	Check	For metal fatigue in chassis, cross members & tow hitch	x			bs
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	x			bs
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels		x		bs
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	x			bs
43	Inspect	All grease lines & fittings for damage / security & grease penetration	x			bs
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	x			bs
45	Inspect	Tow hitch / pin	x			bs
46	Check	Hazard warning / component location Decals	x			bs
UNDER BONNET / ENGINE BAY						
No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	x			bs
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	x			bs
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	x			bs
50	Inspect	Engine for oil leaks & damaged hoses		x		bs
51	Check	Engine mounts for wear & security	x			bs
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement		x		bs
53	Check	Alternator pulley, mountings, bearings & idler pulleys		x		bs
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	x			bs
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear		x		bs
56	Inspect	Fan blades for cracks, wear, damage & security	x			bs
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	x			bs
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	x			bs
59	Check	Electrical harnesses / connections for damage & security	x			bs
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	x			bs
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	x			bs
POWER TRAIN						
No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	x			bs
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	x			bs
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	x			bs
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	x			bs
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	x			bs
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	x			bs

68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						x			bs
69	Measure	LHS Track: mm			RHS Track: mm			x			bs
70	Inspect	All grease lines for damage / security & grease penetration						x			bs
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						x			bs
1000 HOUR SERVICE											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake									x	bs
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug								x	bs
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary								x	bs
2000 HOUR SERVICE											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									
		0'	90'	180'	270'						
LUBRICATION SHEDULE											
EVERY SERVICE											
1	Lubricate					x				b	
2	SOS		Engine Oil:								
500 Hour Service											
3	SOS		Hydraulic Oil:			x		Transmission:			
			Front Differential:					Rear Differential:			
			P1 Final Drive:			x		P2 Final Drive:		x	
3	SOS		P3 Final Drive:					P4 Final Drive:			
4	Change		Engine Oil:			x					
5	Change Filters		Engine Oil (Cut/Inspect):			x		Primary Air Filter:		x	
			Fuel / Water Separator:			x		Secondary Fuel:		x	
6	Inspect / Change		Secondary Air Filters:			x		Signs of Dusting Y / N:		n	
7	Inspect / Clean		Air Cleaner Dust Bowl:			x		Fuel Tank Strainer:			
8	Inspect / Clean / Change		Engine Breather:			x					
9	Check / Top up		Coolant:			x					
1000 Hour Service											
10	Change Filters		Hydraulic Oil:			x		Transmission Oil:		na	
2000 Hour Service											
11	SOS		Coolant:								
12	Change		Front Differential Oil:					Rear Differential Oil:			
			P1 Final Drive Oil:					P2 Final Drive Oil:			
			P3 Final Drive Oil:					P4 Final Drive Oil:			
13	Change Filters		Hydraulic Tank Breather:					Fuel Tank Cap Filter:			
			(OCV) Open Crankcase Filter:								
3000 Hour Service											
14	Change		Hydraulic Oil on SOS:								
5000 Hour Service											
15	Change		DEF Filter:					DEF Injector:			
			ARD Spark Plug:								
16	Clean		DPF:								

AFTER EVERY SERVICE

Check

All fluid levels, Correct Running operation of machine

 x [illegible]

	water pump tel tale leak (ordered)
--	------------------------------------

	tensioner and belt worn (ordered)
--	-----------------------------------

[illegible]

	fire extinguisher and bag replaced (tagged)
--	---

	dipper arm top pin/bush wear/movement
--	---------------------------------------

	front main seal replaced
--	--------------------------

SERVICE COMPLETION DECLARATION

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

matt/billy *18.2.26*

Mechanic / Supervisor Signature

Service Completion Date

billy stephens

Name of Mechanic / Supervisor _____

18.2.26

Service Completion Date

Marson Repairs & Hire Pty Ltd

PO Box 507

Beaconsfield 3807

Ph: 0418379397

Email:

marsonstruckrepairs@bigpond.com

Tax Invoice



TAX INVOICE TO
Linct Group Pty Ltd PO Box 444 Pakenham 3810

TAX REG NO	DATE	TAX INVOICE
51 617 755 432	7/02/2022	4137

TERMS	DUE DATE
Net 30	9/03/2022

SERVICED	ITEM	DESCRIPTION	QTY	GST	AMOUNT
7/02/2022	WORKSHOP L...	FULLY SERVICE - CAT 320K EXCAVATOR HRS: 3399 CHANGE ENGINE OIL CHANGE OIL FILTER CHANGE FUEL FILTER CHANGE AIR FILTER CHANGE AC FILTERS CHANGE FINAL DRIVE OILS SOS SAMPLES TAKEN FIT FRONT WINDOW ASSEMBLY FIT UP STICKER KIT	6	63.00	630.00
17/02/2022	PARTS PARTS PARTS TRAVELLING	ENGINE OIL FINAL DRIVE OIL OIL & FILTER DISPOSAL 36KMS	36	10.00 7.00 1.00 3.60	100.00 70.00 10.00 36.00

LR444

9999

1312226

ENTERED
Date 1/3 By SP

Bank Details
Commonwealth Bank
BSB 063-733
A/C No. 1051 0737

Tax GST	\$84.60
TOTAL	\$930.60



EXCAVATOR SERVICING SCHEDULE

Date:	<u>11.03.24</u>	Serial Number:	<u>HEX02560</u>
Unit Number:	<u>LR444</u>	Mechanic:	<u>Rob Arnsby</u>
Rego Number:	<u>XW96GP</u>	Mechanic:	<u>Harry Parker</u>
Service Type:	<u>5,000</u>	Serviceman:	
Kilometres:		Operator:	
Hours:	<u>4,980</u>	Spotter:	

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	X			RA
2	Inspect	Seat belt for damage, fraying & anchor bolt security	X			RA
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	X			RA
4	Check	Windscreen & other glass in the cab for chips or cracks				
5	Check	Operation of window winders & door handles	X			RA
6	Check	Pedal rubbers are on & in good condition	X			RA
7	Check	For breakdown triangles, condition & complete set			X	RA
8	Check	For a first aid kit, in date & complete				
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	X			RA
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon				
11	Check	Operation of AM / FM radio & UHF radio	X			RA
12	Check	Operation of horn	X			RA
13	Check	Operation of E-Stops	X			RA
14	Check	Wipers & Washers	X			RA
15	Check	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	X			RA

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Connect	For excessive exhaust smoke or abnormal noises / vibrations	X			RA
17	Check	Operation of Air Conditioner	X			RA
18	Test	Operation of joystick control levers (lock to lock)	X			RA
19	Test	Operation of slew brake is within OEM Specs	X			RA
20	Test	Operation of track drive controls for even operation	X			RA
21	Test	Operation of Blade controls			X	RA
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	X			RA
23	Test	Operator seat belt & safety arms lock out is operating correctly	X			RA
24	Check	Hydraulic lock out is operating correctly & the override switch	X			RA
25	Check	Operation of bucket quick hitch, lubricate	X			RA

26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration		X		RA
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	X			RA
28	Test	Emergency equipment lowering control	X			RA
29	Check	Using a scan tool check for faults		X		RA
30	Check	DPF / DET Status & conduct manual burn if required		X		RA
FRAME & BODY						
<i>Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below</i>						
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's		X		RA
32	Inspect	ROP's for security & integrity	X			RA
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	X			RA
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	X			RA
35	Check	Rear vision mirrors & brackets for condition & operation	X			RA
36	Check	Steps & handrails for security	X			RA
37	Check	Guarding for condition & security	X			RA
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect				RA
39	Check	For metal fatigue in chassis, cross members & tow hitch	X			RA
40	Inspect	All hydraulic hoses for signs of rubbing, leaks & deterioration	X			RA
41	Check / Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	X			RA
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	X			RA
43	Inspect	All grease lines & fittings for damage / security & grease penetration	X			RA
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing		X		RA
45	Inspect	Tow hitch / pin	X			RA
46	Check	Hazard warning / component location Decals	X			RA
UNDER BONNET / ENGINE BAY						
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	X			RA
48	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	X			RA
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	X			RA
50	Inspect	Engine for oil leaks & damaged hoses	X			RA
51	Check	Engine mounts for wear & security	X			RA
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	X			RA
53	Check	Alternator pulley, mountings, bearings & idler pulleys	X			RA
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	X			RA
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear		X		RA
56	Inspect	Fan blades for cracks, wear, damage & security	X			RA
57	Check	Radiator mountings, coolant leakage & air flow through radiator (Clean when required)	X			RA
58	Inspect	Coolant, heater hoses, clamps for condition, leaks & tension	X			RA
59	Inspect	Electrical harnesses / connections for damage & security	X			RA
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	X			RA
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	X			RA

POWER TRAIN											
No.	ACTION	CHECKS						S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks						X			RA
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks						X			RA
64	Inspect / Re-Locate	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required						X			RA
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates						X			RA
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape						X			RA
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary						X			RA
68	Inspect / Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						X			RA
69	Measure	LHS Track:		mm	RHS Track:		mm				
70	Inspect	All grease lines for damage / security & grease penetration						X			RA
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						X			RA
1000 HOUR SERVICE											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				RA
	Intake	IS	IS	IS	IS	IS	IS	X			
	Exhaust	IS	IS	IS	IS	IS	IS	X			
73	Check	Glow Plugs for power & conduct a continuity test on each plug								X	RA
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary						X			RA
2000 Hour Service											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places									RA
		0'	90'	180'	270'						
		0.75	0.75	0.75	0.75						
LUBRICATION SCHEDULE											
EVERY SERVICE											
1	Lubricate		All grease points:			RA					
250 HOUR SERVICE											
2	SOS		Engine Oil:			RA					
3	Change		Engine Oil:			RA					
500 Hour Service											
4	SOS		Hydraulic Oil:			RA	Swing Drive Oil:			RA	
			P1 Final Drive Oil:			RA	P2 Final Drive Oil:			RA	
5	Change		P1 Final Drive Oil:			HP	P2 Final Drive Oil:			RA	
6	Change Filters		Engine Oil (Cut/Inspect):			RA	Primary Air Filter:			RA	
			Fuel / Water Separator:			RA	Secondary Fuel:			RA	
			Hydraulic (Case Drain):			NA	Hydraulic (Pilot):			RA	
			Hydraulic (Return):			NA					
			External Cab:			RA	Internal Cab:			RA	
7	Inspect / Change		Secondary Air Filters:			RA	Signs of Dusting Y / N:			N	
8	Inspect / Clean		Air Cleaner Dust Bowl:			RA	Fuel Tank Strainer:			RA	
9	Inspect / Clean / Change		Engine Breather:			RA					
10	Check / Top up		Coolant:			AL					
1000 Hour Service											
11	SOS		Pump Drive:			NA					

[illegible]