

Site Address:

Justin
0429 922 027

Acct Name:

Site Contact:

Site Phone No:

Job Header: Carry out 500hr service

Customer Notes:

Job Number 2050048969

Job Date 14/01/2025

Order No.

Technician: LARRY

☐ Warranty☐ Repair/Recharge☐ Service☐ Backlog

Certificate No:

On Hire Date:

OFF Hire Date:

Start Time: _____

Finish Time: _____

Work Required :

Job Item	Rego #	Item Description	Test Code	Last Meter	Current Meter
K0744	1HFV604	JCB Fastrac 4200 PB3402 Tillage		4,454.00	4500

Product Code	Description	Quantity	Sell Price	Total Sell Price
CATAMAC 500	CATAMAC 500HR SERVICE KIT	1.00	0.00	0.00

Service Notes			
Description	Hrs	Qty	Cost
SERVICE			
	9		
ENG OIL 15W40		15LTD	
TRANS OIL 10W30		26LTD	
GEAR OIL LS90		25LTD	
CHANGE ENG OIL, DIFF FINAL DRIVES + TRANS OILS + FILTERS			
4-2-25		1	

Total Labour Hours: 9 Travel Hours: _____
 Manager: _____ Date: ____/____/____ Technician: LARRY

**KEE Group**Unit No: **K744**Site: **DEPOT****PM Service & Inspection - JCB 3220 Fastrac****Clean unit before carry out PM SERVICE**Make sure the **Unit Backlog** file should be attached on this sheet.

DOWN TIME INFORMATION

Date equipment down _____ Time : _____

Date equipment up _____ Time : _____

Date _____

Supervisor _____

Service Meter Reading (SMR) **4500** Hrs.

Signature _____

ITEM	PART NUMBER	PART NUMBER	DESCRIPTION	SERVICE TYPE / QUANTITY			
				250/750	500	1000	2000
	JCB	Inter Change					
1	32/925413	P550428, P551019, LF3970	Oil Filter		1	1	1
2	32/925414	FS19519	Fuel/ Water Separator		1	1	1
3	32/921001	P551426, FS19836	Fuel Filter Sediment		1	1	1
4	32/925335	P777279, P777409, AF25756	Outer Air Filter		1	1	1
5	32/925336	P537877, P777414, AF25523	Inner Air Filter			1	1
6	580/12144		Aircon Filter			1	1
7	30/925426		Recirculation Filter			1	1
8	32/925410	P566213, HF30748	Transmission Filter		1	1	1
9	32/925291	P171827, HF7960	Hydraulic Filter			1	1
10	32/912500		Strainer				2
11			Cat SOS Bottles	1	6	6	7
			Total Items	1	11	15	18
1	15W/40 Fleetmaster	Engine Oil	Capacity	10.7 Litres			
2	Hydraulic 68	Hydraulic System	Capacity	110 Litres			
3	Tractor Trans Universal	Gear box	Capacity	27 Litres			
4	LS 90 Gear Oil	Axles	Capacity	25 Litres			
6	Pre-mix 50/50	Coolant	Capacity	21.5 Litres			
7	Diesel	Fuel Tank	Capacity	125 Litres			

Task Details JCB 3220 Fastrac

Done: **Initial** Not Done: **X** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**
Procedures and Safety Instructions

I

PRE STOP CHECK

TASK	TYPE OF SERVICE			
	250	500	1000	2000
INITIAL EACH COMPLETED CHECK				
1 Check Operation of monitor panel lights, guages and buzzer		✓		
2 Check tractor for damage		✓		
3 Check operation of water sprays and pump		✓		
4 Check for excessive play in steering		✓		
5 Check brake function		✓		

II

SAFETY

6 Isolate and park machine on a level surface, place wheel chocks behind front and rear wheels		✓		
7 Stop the engine and allow cool down		✓		
8 Isolate machine and fit "Personal & Out of Service Tag"		✓		

"CAUTION"

" Fuel/Oil leaked or spilled onto hot surfaces or electrical components can cause a FIRE. Clean up fuel spills Immediately"

The Person who drains the Oil is Responsible for Refilling the Compartment

OILS AND LIQUIDS IN ALL COMPARTMENTS MAYBE HOT AND CAUSE SERIOUS INJURY

TAKE CARE WHEN DRAINING ANY COMPARTMENT

*** CONSULT MAINTENANCE GUIDE FOR LUBE POINTS and PROCEDURES**

Task Details JCB 3220 Fastrac

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

III

SERVICE & LUBRICATION (PM CLINIC)

SERVICE and LUBRICATIONS (Manual Hand Grease Pump)				250	500	1000	2000
9	Record Hour Meter Reading	SMR					
Engine							
10	Clean air cleaner box (Housing) and clean dust valve				✓		
11	Change element primary air cleaner / inspect secondary element				✓		
12	Change element secondary air cleaner (replace if required)				✓		
13	Check coolant level and "Do not Open Rad Cap" if engine is hot				✓		Change
14	Take SOS Sample - engine coolant						
15	Wash radiator and hydraulic coolers / intercooler / AC condensor (Every 1000Hrs)						
16	Check coolant sub tank level				✓		
17	Lubricate fan and jockey pulley bearing (by Hand grease pump only)				✓		
18	Clean engine crankcase breathers replace if required				✓		Change
19	Take SOS Sample - engine oil				✓		
20	Change oil - engine and check level				✓		
21	Change filter - engine oil				✓		
Fuel System							
22	Change filter - primary fuel (fuel-water separator)				✓		
23	Change filter - secondary fuel				✓		
24	Drain water sediment from fuel tank				✓		
25	Clean strainer - fuel tank cap				✓		
Hydraulic System							
26	Take SOS Sample - hydraulic oil				✓		
27	Check hydraulic oil level				✓		
28	Change hydraulic oil						
28	Change filter - hydraulic				✓		
29	Clean tank suction strainers						
30	Drain water sediment from hydraulic tank				✓		

Task Details JCB 3220 Fastrac

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

Gear box and Axles

31	Take SOS Sample - Gear box		✓		
32	Check oil level - Gear box		✓		
33	Change oil / filter - Gear box		✓		
34	Take SOS Sample - Front / Rear Hubs		✓		
35	Change / Check oil - Front / Rear Hubs		✓		
36	Change oil - differentials		✓		
37	Take SOS Sample - differentials		✓		
38	Clean axle breathers		✓		
39	Inspect magnetic plug LH / RH final drives report results		✓		

Lubrication

40	Lubricate PTO drive shaft splines and universal joints		✓		
41	Lubricate rear PTO drive shaft bearings		✓		
42	Lubricate rear axle propshaft		✓		
43	Lubricate front axle propshaft		✓		
44	Lubricate front PTO drive shaft (if applicable)		✓		
45	Lubricate rear anti roll bar joints		✓		
46	Lubricate rear hydraulic lift cross - shaft		✓		
47	Lubricate rear hydraulic lift ram pivots		✓		
48	Lubricate front agricultural 3 point linkage cross shaft (if applicable)		✓		
49	Lubricate front agricultural 3 point linkage lift ram pivots (if applicable)		✓		
50	Lubricate steering swivels		✓		
51	Lubricate steering column universal joints		✓		
52	Lubricate suspension cylinder pivots		✓		
53	Lubricate 3 point linkage lift rods and top link		✓		
54	Lubricate automatic trailer coupling (if applicable)		✓		
55	Lubricate roller draw bar (if applicable)		✓		

Others

56	Check battery electrolyte level and charge out put		✓		
57	Clean cab heater intake filters		✓		
58	Fill windscreen washer tank		✓		

Task Details JCB 3220 Fastrac

Done: **Initial** Not Done: ***** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**
Procedures and Safety Instructions

IV

MECHANICAL CHECK AND INSPECTIONS

1. Cabin

59	Check operator access-step / hand holds / mirrors		✓		
60	Check door latches and window catches.		✓		
61	Check operator seat belt consider replacement at 6000 hrs		✓		
62	Check operator seat and adjustment control		✓		
63	Check operation of windscreen wipers and inspect rubber condition		✓		
64	Check for any oil / fluid leaks onto / into cabin		✓		
65	Check the ROPS / cabin / platform for cracks / damage / wear and loose bolts.		✓		

Air Conditioning

66	Check air conditioning performance and record vent temp		✓		
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Lamps, Horn, Back-up Alarm, Battery and Fuses/CB

67	Check battery terminals and cables		✓		
68	Tighten battery hold down clamps		✓		
69	Check fuses and circuit breakers		✓		
70	Check lights / horn and back-up alarm		✓		
71	Check operation of ALL lights / warning Indicators.		✓		

Others

72	Check fire extinguisher bracket for loose bolts or cracks		✓		
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2. Engine Area

Engine

73	Check engine oil pressure refer manual record result				
74	Check engine boost pressure refer manual record result				
75	Check air intake lines are complete without damage or cracks		✓		
76	Check and set engine valve clearance				
77	Check exhaust smoke is not excessive				
78	Check condition of cooling fan - ensure rivets are in good condition		✓		
79	Check ALL V-belts (Conditions + Tension)		✓		
80	Check belts of air conditioner compressor (Conditions + Tension)		✓		
81	Check engine emergency stop and test function		✓		
82	Check fan hub and jockey pulley bearings		✓		
83	Check fan guard are in place and secure		✓		
84	Check for oil leaks into engine area		✓		
85	Check exhaust system for leaks / cracks / broken all loose bolts		✓		
86	Check ALL turbocharger pipes and clamps for tightness		✓		
87	Check ALL engine wiring harnesses are free from rubbing "P" clamps ETC		✓		
88	Check alternator cables / starter motor cables / mounting bolts and brackets.		✓		

Task Details JCB 3220 Fastrac

Done: **I** Not Done: **N** Repairs or Adjustments Done: **R** Work Order or Further Work Required: **W**

Procedures and Safety Instructions

Air System

89	Check compressor housing for cracks and damage			✓		
90	Check compressor mountings for tightness			✓		
91	Check air system for leaks			✓		
92	Check brake air tank warning lights			✓		

Fuel System

93	Check fuel pressure refer to manual record result					
94	Check high / low idle refer to manual record result					
95	Check fuel lines for leaks / missing clamps			✓		

Radiator

96	Check water pump condition and operation			✓		
97	Check ALL water hose condition and clamps			✓		
98	Check condition of water lines and radiator core clean if required			✓		
99	Check radiator mounting			✓		

3. Hydraulic System

100	Check hydraulic main pressure refer manual record result					
101	Check suction line clamps of hydraulic pump for tightness			✓		
102	Inspect ALL hydraulic hoses / tubes for damage			✓		
103	Check hydraulic pump for loose mounting bolts / clamps or leaks.			✓		

Task Details JCB 3220 Fastrac

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Procedures and Safety Instructions

Gearbox / Axles / Steering and Brakes

104	Check gear box operation					
105	Check gear box mount security					
106	Check axle mount security					
107	Check driveshaft security					
108	Check panhard rod condition and torque tightness					
109	Check steering axle wheel alignment					
110	Check track rod end and drag link ball joint security					
111	Check steering damper condition and security					
112	Check suspension control arms and "V" link condition and bolt torque					
113	Check suspension ride height and corrector valve operation (engine running)					
114	Check brake caliper bolt torque					
115	Check brake pad security (service and parking)					
116	Check park brake adjustment					
117	Check brake pipe work security					
118	Check tyre pressures and condition					
119	Check wheel nut security					
120	Check steering operation					
121	Check brake function					
		RPM				
		SERVICE	PARKING	EMERGENCY		COMMENT

4. Frame

Frame.

122	Check water tank for leaks / damage / cracks / suspension				
123	Check tank water pump / coupling / hydraulic motor / leaks and hose condition / gland packing				
124	Check wing mirrors for condition and security				
125	Check Fuel tank / Hydraulic tank for damage / main panels for damage				

Task Details JCB 3220 Fastrac

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Procedures and Safety Instructions

VI

COMPLETION

126	Check ALL compartment oil Levels " BEFORE STARTING THE MACHINE"		✓		
127	Test drive and check for unusual noises		✓		
128	Remove "Personal & Out of Service Tag"		✓		

Task Special Instruction..

PLEASE Report any DEFECTS or unusual findings to Leading Hand, Supervisor or Superintendent
Supervisor must be fill in the DEFECT Report if any.

List of Serviceman or DONE BY

Name of Personnel

Signature

..... L STEWARD

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ADDITIONAL ITEMS FOR BACKLOG

ITEM	Unit ID		DESCRIPTION OF DEFECT	COMPLETED Y/N	PARTS	
	Model	3520			IN STOCK	LOCATION
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signed Mechanic:  _____

Signed Supervisor: _____