

Site Address:

Acct Name:
Site Contact:
Site Phone No:
Job Header: Carry out 1000hr service

Customer Notes:

Job Number 2050049004
Job Date 20/01/2025
Order No.
Technician: LARRY

☐ Warranty ☐ Repair/Recharge
☐ Service ☐ Backlog

Certificate No:

On Hire Date:
OFF Hire Date:

Start Time: _____
Finish Time: _____
Work Required :

REMINDER:
List attachments sent

Job Item	Rego #	Item Description	Test Code	Last Meter	Current Meter
K0457	Not Road Registe	Case CX55TC Excavator		3,390.00	3413

Product Code	Description	Quantity	Sell Price	Total Sell Price
CATAMAC 1000	CATAMAC 1000HR SERVICE KIT	1.00	0.00	0.00

Service Notes

Description	Hrs	Qty	Cost
SERVICE	5.5		
ENG OIL	15W40	7.5Ltrs	
FINAL DRIVE	TD 430	2Ltrs	
REPAIR FRONT WORKLIGHTS			
GLX 16580 GLORE		1	

Total Labour Hours: 5.5 Travel Hours:

Manager: Date: / / Technician: LAPPY

PM Service & Inspection - Case CX55B Excavator

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 : _____

Service Meter Reading (SMR) **3413** Hrs.

Date _____

Supervisor _____

Signature _____

ITEM	PART NUMBER	PART NUMBER	DESCRIPTION	SERVICE TYPE / QUANTITY			
	JCB	Inter Change		250/750	500	1000	2000
1	PY02P00001-1A		Engine Oil Filter	1	1	1	1
2	VV12963055731	Not required - TBC don't order	Fuel Filter		1	1	1
3	VV12900455801	P550048 TBC	Fuel Filter		1	1	1
4	PS11P00007S003		Element Air Outer	1	1	1	1
5	PS11P00007S001		Element Air Inner			1	1
6	PM50V00017S001		Hydraulic suction strainer				1
7	51441620		Hydraulic oil filter			2	2
8	YR52V01004R400		Hydraulic Return Filter				1
9	47640920		Hydraulic Breather			1	1
10	PS50V01006P1		Filter Fresh				1
11	PS50V01005P2		Filter Return				1
12			Cat SOS Bottles		6	6	6
			Total Items	2	10	14	18
1	XDO 15W 40	Engine Oil	Capacity	7.4 Ltrs			
2	HVI Hi Temp 46	Hydraulic System	Capacity	57 Ltrs			
3	Torque 30	Final Drives	Capacity	1 Ltr			
4	Premix 50/50	Coolant	Capacity	6 Ltrs			
5	Diesel	Fuel Tank	Capacity	75 Ltrs			

Task Details Case CX55B Excavator

Done: **Initial** Not Done: ***** 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 pre start - book for completion and listed faults			✓	
2 Check Operation of monitor panel lights, guages and buzzer			✓	
3 Check accumulator: raise boom fully, stop engine, lower boom to ground.			✓	
4 Check for excessive play & wear in boom pins, bushes and joints.			✓	
5 Check for excessive play in quick hitch. Bushes and joints.			✓	
6 Check for wear in the boom, bucket cylinder pins and bushes			✓	
7 Inspect magnetic plug LH / RH final drives report results			✓	
8 Inspect hydraulic rods in the extended position for scratches or damage.			✓	

II

SAFETY

9 Isolate and park machine on a level surface			✓	
10 Lower the works equipment to the ground			✓	
11 Stop the engine and allow cool down			✓	
12 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 Case CX55B Excavator

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
13	Record Hour Meter Reading SMR				
Engine					
14	Clean air cleaner box (Housing) and air filter dust indicator			✓	
15	Change element primary air cleaner			✓	
16	Change element secondary air cleaner (replace if required)			✓	
17	Check coolant level and "Do not Open Rad Cap" if engine is hot			✓	
18	Take SOS Sample - engine coolant			✓	
19	Wash radiator and hydraulic coolers / intercooler / AC condensor (Every 1000Hrs)			✓	
20	Lubricate fan and jockey pulley bearing (by Hand grease pump only)			✓	
21	Clean engine crankcase breathers replace if required			Change	Change
22	Take SOS Sample - engine oil			✓	
23	Change oil - engine and check level			✓	
24	Change filter - engine oil			✓	
25	Cut open engine oil filter, inspect for abnormal particles and report to Supv / Supt			✓	
Fuel System					
26	Change Fuel Pre-Filter / Sedimenter Element				
27	Change Primary Fuel Filter				
Hydraulic System					
28	Take SOS Sample - hydraulic oil			✓	
29	Check hydraulic oil level			✓	
30	Change hydraulic oil			✓	
30	Change filter - Return Element			✓	
31	Clean Suction Strainer			✓	
32	Clean hydraulic tank screen			✓	Change
Transmission					
33	Take SOS Sample - Track Gear Box Oil x 2			✓	
34	Change Oil / Check Level - Track Gear Box Oil x 2			✓	
35	Lubricate swing bearing			✓	
36	Lubricate swing gear			✓	
37	Inspect magnetic plug LH / RH final drives report results			✓	

Task Details Case CX55B Excavator

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

Procedures and Safety Instructions

Lubrication

38	Lubricate slew ring bearing			✓	
39	Lubricate Slew ring pinion and gear teeth			✓	
40	Lubricate quick hitch			✓	
41	Lubricate all pivot pins			✓	
42	Lubricate stick cylinder rod pin - (1 point)			✓	

Others

43	Lubricate ALL doors hinges			✓	
44	Fill windscreen washer tank			✓	

IV

MECHANICAL CHECK AND INSPECTIONS

1. Cabin

45	Check operator access-step / hand holds			✓	
46	Check door latches and window catches.			✓	
47	Check operator seat belt consider replacement at 6000 hrs			✓	
48	Check operator seat and adjustment control			✓	
49	Check operation of windscreen wipers and inspect rubber condition			✓	
50	Check for any oil / fluid leaks onto / into cabin			✓	
51	Check the ROPS / cabin / platform for cracks / damage / wear and loose bolts.			✓	

Air Conditioning

52	Check air conditioning operation record vent temp			✓	
----	---	--	--	---	--

Electrics

53	Check Battery Electrolyte level if applicable			✓	
54	Tighten battery hold down clamps			✓	
55	Check lights / horn and back-up alarm			✓	
56	Check operation of ALL lights / warning Indicators.			✓	

Others

57	Check pressure gauge fire extinguisher (AFFF) record tag date	02/25		✓	
58	Check fire extinguisher bracket for loose bolts or cracks			✓	

Task Details Case CX55B Excavator

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

Procedures and Safety Instructions

2. Engine Area

Engine

59	Check air intake lines are complete without damage or cracks			✓	
60	Check and set engine valve clearance				
61	Check condition of cooling fan - ensure rivets are in good condition			✓	
62	Check ALL V-belts (Conditions + Tension)			✓	
63	Check belts of air conditioner compressor (Conditions + Tension)			✓	
64	Check engine emergency stop and test function			✓	
65	Check fan hub and jockey pulley bearings			✓	
66	Check fan guard are in place and secure			✓	
67	Check for oil leaks into engine area			✓	
68	Check exhaust system for leaks / cracks / broken all loose bolts			✓	
69	Check ALL turbocharger pipes and clamps for tightness			✓	
70	Check ALL engine wiring harnesses are free from rubbing "P" clamps ETC			✓	
71	Check alternator cables / starter motor cables / mounting bolts and brackets.			✓	

Fuel System

72	Check high / low idle refer to manual record result				
73	Check fuel lines for leaks / missing clamps			✓	
74	Check throttle linkage and fuel pump coupling for loose bolts ETC			✓	
75	Check integrity of whole system			✓	

Radiator

76	Check ALL water hose condition and clamps			✓	
77	Check condition of water lines and radiator core clean if required			✓	
78	Check radiator mounting			✓	

Task Details Case CX55B Excavator

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

Procedures and Safety Instructions

3. Hydraulic System

79	Check hoses and pipe work - damage and leaks			✓	
80	Check hydraulic cylinder for damage or loose bolts.			✓	
81	Check rams - chrome condition			✓	
82	Check security of Mounting bolts on major assemblies			✓	

Transmission

83	Check wheel motor to undercarriage bolts			✓	
84	Check drive sprocket bolts			✓	
85	Check slew gear bolts			✓	
86	Check travel speed function and machine tracking is even			✓	
87	Check final drives / travel motors for leaks / damage / guard condition / broken or loose bolts			✓	
88	Check travel motors hose condition replace what is required			✓	

4. Frame

Frame.

89	Check bucket for cracks / pin bush movement and GET condition			✓	
90	Check the boom arm for damage / cracks			✓	
91	Check frame for signs of leaks / damage or cracks			✓	
92	Check kingpost - kingpin retaining plate bolts torque			✓	

Undercarriage

93	Check track roller bolts			✓	
94	Check roller oils and seals			✓	
95	Check idler wheels oils and seals			✓	
96	Check track plate condition and bolt torque			✓	
97	Check track tension adjust if required			✓	

Bucket Linkage

96	Inspect and Adjust Bucket Linkage			✓	
97	Inspect quick hitch for operation / excessive wear and oil leaks			✓	

VI

COMPLETION

98	Check ALL compartment oil Levels " BEFORE STARTING THE MACHINE"			✓	
99	Test drive and check for unusual noises			✓	
100	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

.....
.....

.....
.....

Task Details Case CX55B Excavator

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

Procedures and Safety Instructions

ADDITIONAL ITEMS FOR BACKLOG

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

Signed Mechanic: _____

Signed Supervisor: _____