

INTERNAL KEEGROUP USE ONLY

Job Sheet

Site Address:

Acct Name:

Site Contact:

Site Phone No:

Job Header: 1000hr Service (hyd. and fuel filters used on breakdown 18.12.2023)

Customer Notes:

Job Number 2050040029

Job Date 19/02/2024

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
K0648	1HBH091	Case SR200 Skid Steer Loader		988.00	<u>997</u>

Product Code	Description	Quantity	Sell Price	Total Sell Price
47535939	OIL FILTER	1.00	38.25	38.25
84217229	FILTER, AIR OUTER	1.00	37.62	37.62
87682999	FILTER, AIR INNER	1.00	25.35	25.35
84376814	FILTER, CAB AIR	1.00	90.55	90.55
47710533	FILTER, HYDRAULIC OIL	1.00	126.10	126.10
47462791	INLINE FUEL FILTER SR220	1.00	23.65	23.65

[illegible]

Total Labour Hours: 2.5 Travel Hours: _____
Manager: _____ Date: / / Technician: LARA Date: 22/2/24

**KEE Group**

Unit No:

1668

Site:

DEPOT

PM Service & Inspection - SR200 Case Skid Steer

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)

977 Hrs.

Signature _____

ITEM	PART NUMBER	PART NUMBER	DESCRIPTION	SERVICE TYPE / QUANTITY			
				250/750	500	1000	2000
	McIntosh	Inter Change					
1	47535939	B7499	Engine Oil	1	1	1	1
2	84299977	P550248, FS19560, BF7921	Fuel/Water Separator		1	1	1
3	47462791	BF840	In-line Fuel Filter	1	1	1	1
4	87682993	P828889, P783453 AF25557	Primary - Air		1	1	1
5	87682999	P829333, AF25558, RS3545	Secondary - Air		1	1	1
6	47710533		Hydraulic Filter			1	1
7	84376814	PA30304	Cab A/C Filter			1	1
8	84331239		Belt, Alt Multi			1	1
9			Cat SOS Bottles	0	1	2	2
			Total Items	2	6	10	10
1	LSA Diesel Ultra 15W 40	Engine Oil	Refill Capacity	8 Litres			
2	Hydraulic 46	Hydraulic System	Refill Capacity	32.2 Litres			
3	LSA Diesel Ultra 15W 40	Each Drive Chain Box	Refill Capacity	7.4 Litres			
5	Ethylene Glycol	Cooling System	Refill Capacity	15.6 Litres			
6	Diesel	Fuel Tank	Refill Capacity	75.5 Litres			

Task Details Case SR200 Skid Steer

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			
INITIAL EACH COMPLETED CHECK	250	500	1000	2000
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 loader arm to ground.			✓	
4 Check for excessive play & wear in loader arm pins / bushes and joints.			✓	
5 Check for excessive play & wear in bucket pins / bushes and joints.			✓	
6 Inspect hydraulic rods in the extended position for scratches or damage.			✓	

II SAFETY

7 Isolate and park machine on a level surface and place wheel chocks behind front / rear tyres			✓	
8 Lower the works equipment to the ground			✓	
9 Stop the engine and allow cool down			✓	
10 Engage the lift arm brace if working underneath			✓	
11 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 SR200 Skid Steer

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
12 Record Hour Meter Reading	SMR				
Engine					
13 Clean the air filter service cap and dust extraction valve				✓	
14 Change the main air filter element when indicated by the vacuum switch or upon inspection is found to be dirty				✓	
15 Change secondary air filter element when upon inspection is found to be dirty				✓	
16 Check coolant level and "Do not Open Rad Cap" if engine is hot				✓	
17 Wash radiator and hydraulic coolers / intercooler / AC condensor (Every 1000Hrs)				✓	
18 Check coolant sub tank level				✓	
19 Lubricate fan and jockey pulley bearing (by Hand grease pump only)				✓	
20 Clean engine crankcase breathers replace if required				Change	Change
21 Take SOS Sample - engine oil				✓	
22 Change oil - engine and check level				✓	
23 Change filter - engine oil				✓	
Fuel System					
24 Change filter - primary fuel (fuel-water separator)				✓	
25 Change filter - secondary fuel				✓	
Change In-line fuel filter				✓	
26 Drain off condensate from the fuel pre-filter				✓	
27 Drain off condensate and sediment from fuel tank				✓	
28 Clean strainer - fuel tank cap				✓	
Drive Chain Box					
29 Check oil level and chain tension - Drive chain boxes				✓	
30 Change oil - Drive chain box				✓	
31 Clean drive chain box breathers				Change	Change
Hydraulic System					
32 Take SOS Sample - hydraulic oil				✓	
33 Check oil level - Hydraulic				✓	
34 Change hydraulic oil				✓	
35 Change filter - Hydraulic				✓	
36 Clean Hydraulic tank breaker relief valve				✓	
Lubrication System					
37 Lubricate lift arm and cylinder linkage				✓	
38 Lubricate axle bearings				✓	
39 Lubricate tilt cylinder bearings and bucket linkage bearings				✓	

Task Details Case SR200 Skid Steer

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

Procedures and Safety Instructions

40 Lubricate bucket upper pivot bearings

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Task Details Case SR200 Skid Steer

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Procedures and Safety Instructions

Quick Change Device

41	Check the bucket bearing seals and bearing bushings on the lift arms			✓	
42	Check the lift arms and bucket stops			✓	
43	Lubricate and test the quick change device			✓	

Cab heating and air conditioning

44	Lubricate ALL doors hinges			✓	
45	Clean the fresh air and recirculated air filter			✓	
46	Change the fresh air and recirculated air filter			✓	

IV

MECHANICAL CHECK AND INSPECTIONS

1. Cabin

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

Air Conditioning

54	Check air conditioner and record vent temp	<div style="border: 1px solid black; padding: 2px; display: inline-block;">Cold</div>		✓	
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Lamps, Horn, Back-up Alarm, Battery and Fuses/CB

55	Check fuses and circuit breakers			✓	
56	Check lights / horn and back-up alarm			✓	
57	Check operation of ALL lights / warning Indicators.			✓	
58	Check Battery terminals and cables / hold down clamps and general condition			✓	

Others

59	Check pressure gauge fire extinguisher (AFFF) record tag date			✓	
60	Check fire extinguisher bracket for loose bolts or cracks			✓	

2. Engine Area

Engine

61	Check engine oil pressure refer manual record result				
62	Check air intake lines are complete without damage or cracks			✓	
63	Check vibration damper for cracks or peeling in the outside surface of the rubber				
64	Check and set engine valve clearance				
65	Check condition of cooling fan - ensure rivets are in good condition			✓	
66	Check ALL V-belts (Conditions + Tension)			✓	
67	Check belts of air conditioner compressor (Conditions + Tension)			✓	

Task Details Case SR200 Skid Steer

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Procedures and Safety Instructions

68	Check engine emergency stop and test function			✓	
69	Check fan hub and jockey pulley bearings			✓	
70	Check fan guard is in place and secure			✓	
71	Check for oil leaks into engine area			✓	
72	Check exhaust system for leaks / cracks / broken all loose bolts			✓	
73	Check the state of sensors and cable connections			✓	
74	Check ALL turbocharger pipes and clamps for tightness			✓	
75	Check ALL engine wiring harnesses are free from rubbing "P" clamps ETC			✓	
76	Check alternator cables / starter motor cables / mounting bolts and brackets.			✓	

Fuel System

77	Check fuel pressure refer to manual record result				
78	Check high / low idle refer to manual record result				
79	Check fuel lines for leaks / missing clamps			✓	
80	Check throttle linkage and fuel pump coupling for loose bolts ETC			✓	
81	Check integrity of whole system			✓	

Radiator

82	Check ALL water hose condition and clamps			✓	
83	Check water pump and tell tale hole for leaks			✓	
84	Check condition of water lines and radiator core clean if required			✓	
85	Check radiator mounting			✓	

3. Hydraulic System

86	Check hydraulic main pressure refer manual record result				
87	Check suction line clamps of hydraulic pump for tightness			✓	
88	Check hydraulic cylinder for damage or loose bolts.			✓	
89	Inspect ALL hydraulic hoses / tubes for damage			✓	
90	Check hydraulic control valves for loose bolts and cracked bracket.			✓	

Drive Chain Box

91	Check wheel nut torque refer manual for spec			✓	
92	Check all tyre pressures refer inflation chart			✓	
93	Check mounting bolts and clamps			✓	
94	Check for external leaks			✓	

Task Details Case SR200 Skid Steer

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Procedures and Safety Instructions

4. Frame

Frame.

95	Check bucket for cracks / pin bush movement and GET condition			✓	
96	Check the loader arm for damage / cracks			✓	
97	Check frame for signs of leaks / damage or cracks			✓	
98	Check for excessive wear in the centre hitch pins, bearings and bushes			✓	
99	Check ALL machine frame mounting bolts (ENGINE HOUSE / HYDRAULIC TANK ETC)			✓	
100	Check counter weight / Fuel tank / Hydraulic tank for damage / leaks or Loose Bolts			✓	

Quick connect

101	Inspect for damage, wear, and connection			✓	
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VI

COMPLETION

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

Task Special Instruction..

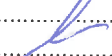
PLEASE Report any DEFECTS or unusual findings to Leading Hand or workshop manager
Lead Hand must be fill in the DEFECT Report if any.

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	Clark			IN STOCK	LOCATION
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

Signed Mechanic: 

Signed Supervisor: _____