Service & Inspection – Wheel Loader

Serial # CAT930KPRHN04019

INSTRUCTIONS

- Use this form when performing a scheduled wheel loader service inspection.
- All items must be checked by the person(s) performing the specified mechanical and lube services.
- Use the following table to determine the required service type and frequency.

Service Type	Service Frequency – As per Manufacturer's recommendations
H0250	Every 250 hours ***(Some loaders have a 500-hour interval ONLY)***
H0500	Every 500 hours
H1000	Every 1000 hours
H2000	Every 2000 hours

SECTION 1 – VEHICLE DETAILS

Date: 24/6/26		SMU Reading:	8502.2 hrs
Unit No:	SBL251001	Service Type:	500
Make: Caterpillar		Model:	930 K
VIN No:	RHN 04019	Work Order No:	

SECTION 2 – INSPECTION REQUIREMENTS

! Before commencing work:

- Park machine on stable, level ground and apply the parking brake.
- Place wheel chocks at both front and rear wheels.
- Place 'Danger' and/ or 'Out of Service' tags in appropriate places on machines.
- Ground all attachments or fit ram lockouts.
- Isolate electrics on equipment (if fitted).

! When service inspection is complete, ensure service sticker is attached.

SECTION 3 – INSPECTION CHECKLIST

Completed by person(s) performing mechanical and lube services. Insert initials for the relevant service type for each inspection item. Where the inspection item is not fitted/required to the vehicle make mark "N/A" in the relevant service type column. Greyed-boxes indicate no action is required for the inspection item for the service type.

Service / Inspection Item	Service Type				Fault Found Out of Service until repaired
	250	500	1000	2000	
***** CHECK PRE- START INSPECTION REPORT BOOK FOR REPORTED/NON- REPORTED FAULTS & ACTIONS *****					
SOS					
Take sample - engine oil					
Take sample – transmission					
Take sample – hydraulics					
Take sample – coolant					
Take sample – final drive					
Take sample – wheel planetary hubs					

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Service / Inspection Item	Service Type				Fault Found Out of Service until repaired
	250	500	1000	2000	
CHANGE					
Engine oil and filters		✓			Change
Fuel filters		✓			Change
Coolant conditioner filter		✓			Change
Outer air cleaner element		✓			Change
Transmission filter		✓			Check
Hydraulic oil filters		✓			Check
Inner air cleaner element					Change
Transmission oil					Check
Wheel planetary hubs					N A
Hydraulic oil					Top up
Engine coolant					Check
Hydraulic oil breather and other breathers as fitted					Clean
Engine and generator vee belts					Check
CHECK – *correct operation, general condition, adjustment and cleanliness - adjust, repair or top up as required*					
Generally, for oil, water or air leaks					None
All grease points *(damage/taking grease)*					Lubed
Cabin air conditioning filters *(replace if necessary)*					ok Repaired
Brake fluid/oil level					ok
Brake accumulator					ok
Radiator coolant level & concentration					Check
Radiator hoses & clamps *(damage & tightness)*					ok
Transmission oil level					Check
Final drive / planetary hub for oil levels					NA
Hydraulic oil level					Top up
Adjustment of vee belts - *(adjust or replace as required)*					ok
Engine air intake and exhaust system leaks or damage					Checked
Battery electrolyte level, terminals and clamps					ok
Battery leads & wiring harness *(signs of damage, excess heat, deterioration)*					ok
Steering and components for wear and/or damage					ok
All hydraulic rams *(note cylinder creep)* and pivots					ok
All hydraulic hoses, valves and fittings					ok

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Service / Inspection Item	Service Type				Fault Found Out of Service until repaired
	250	500	1000	2000	
CHECK - *continued*					
Drive, tail shafts and universal joints *(damage and lubrication)*		✓			ok
All electrical harnesses *(signs of excess heat, deterioration)*		✓			ok
Auto greaser *(if fitted)*		✓			N/A
Air compressor *(if fitted)*		✓			NA
All safety guards fitted and no damage		✓			ok
Doors and compartment locks and handles *(wear or damage)*		✓			ok
Counter weight *(damage and secure fitment)*		✓			ok
Access steps and handrails		✓			ok
All safety, SWL and operational signage fitted and legible		✓			ok
Cabin doors, windows and glass		✓			ok
All lighting elements *(head, tail, stop, indicator and work)*					
Reverse alarm		✓			ok
Emergency stop and isolation switches		✓			ok
Horn and other warning buzzers		✓			ok
Gauges, instruments and warning lights		✓			ok
Beacon/s		✓			ok
Windscreen wipers and washers		✓			ok
Air conditioner, heater and demister					
Two-way radio *(if fitted)*		✓			ok
Fire extinguisher/s for charge and test date					NA
Neutral start run and shutdown		✓			ok
Service and park brakes		✓			ok
Loader operating "kick outs"		✓			ok
Emergency steering system					N/A
Rear vision mirrors and braces		✓			ok
Wheel studs, nuts and indicators *(damage and correct tension)*		✓			ok
Tyres *(condition and pressure)*		✓			ok
All mechanical linkages		✓			ok
Operating control levers *(steering, clutch, trans, fwd, labelled)*		✓			ok
Seat, adjustment and adjuster mechanisms		✓			Repaired
Seat belt, alarm and signage		✓			ok
Engine, radiator and gearbox mountings *(tightness/ damage)*		✓			ok
Frame, chassis, lift points and structure *(cracks or damage)*		✓			ok
Loader frame, arms, pins and bushes *(cracks, damage or wear)*		✓			ok

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Service / Inspection Item	Service Type 250	500	1000	2000	Fault Found Out of Service until repaired
CHECK - *continued*					
Loader bucket and GET's		Need			
Axle oscillation/pivot *(cracks, damage and lubrication)*		ok			
Articulation joint *(cracks, damage and lubrication)*		ok			
ROPS/FOPS and cabin structures		ok			
Engine valve clearance					

Service / Inspection Item	Service Type 250	500	1000	2000	Fault Found Out of Service until repaired
TESTING					
Test drive for general operation		ok			
Brake test		ok			
CLEAN					
Battery and terminals		ok			
Radiator, oil coolers, condensers of any build-up of dirt and debris		ok			
Oil breathers *(replace if damaged)*		ok			
LUBRICATE – *as required*					
Fan hub, tension pulley		ok			
Loader bucket pivots, hydraulic ram pivots		ok			
Fill bulk grease tank – auto greaser *(if fitted)*		NA			
Articulation joint		ok			
Axle oscillation/ pivot		ok			
Drive shaft splines, universal joints and support bearings		ok			Change Beam
All other greaseable points		ok			
Compartment hinges and control linkages		ok			

SECTION 4 – TYRE PRESSURE AND CONDITION

TYRE PRESSURE AND CONDITION *Check and record*

	LHS				RHS			
	FRONT		REAR		FRONT		REAR	
Actual:	70PSI		70PSI		70PSI		70PSI	
Adjusted:								
% Worn:	10%	Pass/~~Fail~~	10%	Pass/~~Fail~~	10%	Pass/~~Fail~~	10%	Pass/~~Fail~~
Make:	Bridgestone		Bridgestone		Bridgestone		Bridgestone	
Size:	20.5 R25		20.5 R25		20.5 R25		20.5 R25	

SECTION 5 – COMPLIANCE ITEMS			
Item of Compliance	**Recorded Information**		**Comments/ Further Action**
Registration Label *(if applicable)*	Expiry Date:		
Condition of Number Plate	Comment:		
Plant Risk Assessment *(current)*	Expiry Date:		

SECTION 6 – SERVICE REPORT *Record relevant service details here.*

SECTION 7 – COMPLETION RECORD			
	Work Conducted By		**Checked & Recorded**
Name:	Mat Green	John Stonehouse	
Signature:	[illegible]	JW Stonehouse	
Company:	ALLUSED	ALLUSED	
Position:	L/D	SUPERVISOR	
Date:	13/5/26	13/5/26	