

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	CAT D6N DOZER	ENGINE HRS:	2646HRS
REGO NO:	—	KLMS:	N/A
UNIT NO:	SDH34	DATE:	10/10/22
		NAME:	J. MORRIS

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	✓
2	Review comments in pre- start book and discuss with Operator if available.	✓
3	Check prestart comply to site and OEM brake testing	✓
4	Check all warning buzzers and or indicators	✓
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	✓
6	Check operation of warning horn	✓
7	Check operation of wipers and blades	✓
8	Check operation of window washers	✓
9	Check operation of reverse alarm	✓
10	Check water level	✓
11	Check oil level	✓
12	Check wheels, tyres, nuts and studs / tracks	✓
13	Check tyre pressures	N/A
14	Check battery for connection. Check leads	✓
15	Check filters	✓
16	Check fire extinguisher fitment, date and charge	✓
17	Check air conditioner operation	✓
18	Check seatbelt condition and working order	✓
19	Check two-way radio	✓
20	Clean inside of cab	✓
21	Clean outside of vehicle	✓
Comments:		

Signature: _____

[Handwritten Signature]



HEAVY VEHICLE SERVICE SHEET

250 Hour Service

Equipment Details		Completed by:	
Unit No:	SDH34	Name:	Ben Kennedy
Date:	31/03/23		
Engine Hrs:	2757hr	Last Service	
Make:	CAT	Hour:	1000hr
Model:	D6N	Date:	

WARNING!

WARNING!

Refer to the Workshop Manual or your Supervisor for assistance if you are unsure of any portion of this Service Procedure.

RELIEVE ALL RESIDUAL PRESSURES IN THE AIR AND HYDRAULIC SYSTEMS.

If you are unsure of the correct Tag Out Procedures DO NOT proceed with this service.

Ensure wheels are chocked before proceeding.

Description:	✓	250HR
--------------	---	-------

1	Report any damage to supervisor	✓
2	Review comments in pre-start book and discuss with Operator if available.	✓
3	Test Two-way radio	✓
4	Inspect aerial condition	✓
5	Test operation of warning horn	✓
6	Test operation of warning reverse alarm	✓
7	Test operation of washers, wipers and blades	✓
8	Test operation of cab interior light	✓
9	Test operation of all work lights and switches	✓
10	Test operation of fuel tank level indicator and cab gauge	✓
11	Test air conditioner and operation	✓
12	Inspect Centre Bearing	✓
13	Inspect spray activators for leaks	✓
14	Inspect air conditioner cab pressuriser fan, compressor, condenser, evaporator, drains.	✓
15	Park Brake Caution .. Machine will stop abruptly during this check, fasten seatbelt. Perform check in an open area. - Position vehicle facing downhill - Apply park brake fully on, release service brake - If machine moves – investigate and repair fault.	✓
16	Service Brake Check - Position machine facing downhill - Apply service brake fully on - If machine moves – investigate and repair fault - Adjust brakes as required.	✓
Mechanical Inspection		
17	Check wheel nut torque	✓
18	Inspect Hydraulic hoses for leaks and chaffing	✓
19	Check and clean batteries	✓

Description:				
20	Check park brake disc and pad wear			/
21	Inspect steering cylinder pins and brushes for looseness and wear			/
22	Inspect frame for structural defects			/
23	Inspect ROPS cab, frame and arms for wear, fatigue or cracks			/
24	Inspect ring feeder/pintle attachment function is normal			/
25	Inspect pins and bushes			/
26	Inspect attachments- Augers, Rock Breaker, Forks, Post Hole Borer			/
27	Hoses and fittings			/
28	Rams			/
29	Arms			/
30	Check tyre pressures, rim and tyre condition.			/
	Position	Pressure	Tread Depth	
	1			X
	2			X
	3			X
	4			X
	5			X
	6			X

Engine System Checks

31	Check operation of the engine air filter restriction indicator	/
32	Check induction system pipe work, hoses and clamps for signs of deterioration that could cause engine dusting	/
33	Check oil and fuel lines for fitment, chaffing and leaks. Ensure no fire hazards in engine bay, and leaks found must be repaired.	/
34	Check coolant level, inspect cap and header tank neck for damage.	/
35	Check radiator mountings and fan shroud fastening bolts, inspect radiator for blocked and damaged fins.	/
36	Check cooling fan mounting, hub bearings for movement, pulley groove wear and vee belts for tension and wear.	/
37	Check cooling system hoses and clamps for signs of deterioration or leaks.	/
38	Check water pump tell-tale hole for sign of a leaking seal and possible blockage.	/
39	Check alternator and air conditioner compressor mounting hardware/ condition and adjustment of belts and pulleys.	/
40	Check engine mounting bolt fitment and condition of rubber mounts.	/
41	Inspect starter motor mount bolts, solenoid and connections	/
42	Inspect air filter pre-cleaning for damage	/
43	Check air filter elements, replace as required. Write date and hours on filter.	/
44	Inspect all exhaust covers.	/
45	Inspect battery isolator for operation and condition, check connections and lead condition	/
46	Inspect start isolator for operation and condition, check connections and lead condition	/

Oils, Screens and Breathers

47	Change primary and secondary fuel/ water separator	/
48	Check hydraulic filter restriction indicator on the filter head, change if indicator is tripped	/
49	Check axle breathers for blockage, clean if required	/
50	Check transmission breather for blockage, clean if required	/
51	Change oil and filter	/
52	Grease all driveline slip joints and U-joints	/
53	Check grease line for security and leaks	/
54	Hand grease drive shafts, universal joints, slip joints and support bearings. Check condition of all driveshaft's looseness	/

..... WARNING DIFF AND FINAL DRIVES MAY BE UNDER PRESSURE.....

F/DIFF		R/DIFF	
55	Isolate and Tag machine as per Isolation Procedures		
WARNING: Relieve all residual pressures form oil and water systems			
	Take SOS Sample from:	Oil Used	Changed
56	Engine		/
57	Transmission		/
58	Transfer Case		
59	Differentials		
60	Final Drives		/
Record hours, date, machine number and compartment on SOS bottle and a Y or N if oil was or was not changed			
61	Inspect all warning sensors and cable condition		
62	Check fire extinguishers fitment, date and charge		
63	Check access step, handrail, compartment panels, and doors for damage, wear, alignment and security		
64	Clean/ replace cab air filters		
65	Fill window washer reservoir		
66	Check safety labels are clean and legible		
67	Check window glass for damage, fitting and support locking rubbers and Emergency window escape lock ring pulls		
68	Check condition of door rubbers for deterioration		
69	Check operator's seat and seat belt		
70	Clean cab of all debris, rags and rubbish		
71	Check instrument panel for dislodged or loose components, tripped circuit breakers, panels and gauge lighting, loose wiring and corrosion of terminals and wiring		
72	All splash guards, covers and belly plates must be correctly refitted before the machine returns to work		
73	Walk around and climb over equipment looking for foreign materials. EG: rags, tools, blocks, chains ect		
74	Remove personal Danger Tag, sound horn, start equipment		
75	Test all movements and stall test hydraulic circuits then stop machine and check for leaks		
76	Wash out radiator and oil cooler and report any damage if applicable		
77	Wash machine at completion of service to remove any oil residue from service		
78	Check that all tags and locks have been removed		
79	Test run equipment using all functions for 5-10 minutes to ensure there are no • Leaks • Vibrations • Alarms coming on • All functions are operating correctly		

Fault Description / Recommended Action

Split in Turbo discharge hose

[illegible]

Comments

Signature: _____

Date:

Use these symbols on
check sheet

✓

Done& OK

X

Check not done

R

Repair done

P

Plan next service or raise new job

HEAVY VEHICLE SERVICE SHEET

Equipment Details		Oils Added		Completed by:	
Unit No:	SDH34	Eng:		F/Diff:	
Date:	10-12-24	Tran:			
Engine Hrs:	3611	Hyd:		R/Diff	
Make:	Dat	Next Service Due		Last Service	
Model:	D6	Hours		Hours:	3450
				Date:	15-10-24

250 Hour	500 Hour	750 Hour	1000 Hour
✓			



Refer to the Workshop Manual or your Supervisor for assistance if you are unsure of any portion of this Service Procedure.
RELIEVE ALL RESIDUAL PRESSURES IN THE AIR AND HYDRAULIC SYSTEMS.

If you are unsure of the correct Tag Out Procedures DO NOT proceed with this service.

Ensure wheels are chocked before proceeding.

Description:	✓	250HR	500HR	750HR	1000HR
1 Report any damage to supervisor	✓				
2 Review comments in pre-start book and discuss with Operator if available.	✓				
3 Test Two-way radio	✓				
4 Inspect aerial condition	✓				
5 Test operation of warning horn					
6 Test operation of warning reverse alarm	✓				
7 Test operation of washers, wipers and blades	✓				
9 Test operation of cab interior light					
11 Test operation of all work lights and switches	✓				
12 Test operation of fuel tank level indicator and cab gauge	✓				
13 Test air conditioner and operation	✓				
14 Inspect air conditioner cab pressuriser fan, compressor, condenser, evaporator, drains.					
15 Park Brake Caution .. Machine will stop abruptly during this check, fasten seatbelt. Perform check in an open area. - Position vehicle facing downhill - Apply park brake fully on, release service brake - If machine moves – investigate and repair fault.	✓				
16 Service Brake Check - Position machine facing downhill - Apply service brake fully on - If machine moves – investigate and repair fault - Adjust brakes as required.	✓				

Description:				✓	250HR	500HR	750HR	1000HR
Mechanical Inspection								
17	Check wheel nut torque							
18	Inspect Hydraulic hoses for leaks and chaffing				✓			
19	Check park brake disc and pad wear							
20	Check and clean batteries							
21	Inspect steering cylinder pins and bushes for looseness and wear							
22	Inspect frame for structural defects				✓			
23	Inspect ROPS cab, frame and arms for wear, fatigue or cracks							
24	Inspect GET – teeth and cutting edges				✓			
25	Inspect quick hitch attachment function is normal							
26	Inspect pins and bushes				✓			
27	Inspect attachments – Augers, Rock Breaker, Forks, Post hole borer							
28	Hoses and fittings				✓			
29	Rams				✓			
30	Arms				✓			
31	Check tyre pressures, rim and tyre condition.							
	Position	Pressure	Tread Depth					
	1							
	2							
	3							
	4							

Engine System Checks					
32	Check operation of the engine air filter restriction indicator				
33	Check induction system pipe work, hoses and clamps for signs of deterioration that could cause engine dusting	✓			
34	Check oil and fuel lines for fitment, chaffing and leaks. Ensure no fire hazards in engine bay, and leaks found must be repaired.	✓			
35	Check coolant level, inspect cap and header tank neck for damage.	✓			
36	Check radiator mountings and fan shroud fastening bolts, inspect radiator for blocked and damaged fins.	✓			
37	Check cooling fan mounting, hub bearings for movement, pulley groove wear and vee belts for tension and wear.	✓			
38	Check cooling system hoses and clamps for signs of deterioration or leaks.	✓			
39	Check water pump tell-tale hole for sign of a leaking seal and possible blockage.	✓			
40	Check alternator and air conditioner compressor mounting hardware/ condition and adjustment of belts and pulleys.	✓			
41	Check engine mounting bolt fitment and condition of rubber mounts.				
42	Inspect starter motor mount bolts, solenoid and connections				
43	Inspect air filter pre-cleaning for damage	✓			
44	Check air filter elements, replace as required. Write date and hours on filter.	✓			
45	Inspect all exhaust covers.	✓			
46	Inspect battery isolator for operation and condition, check connections and lead condition	✓			
47	Inspect start isolator for operation and condition, check connections and lead condition	✓			
48	Check and adjust valve clearance				
Oils, Screens and Breathers					
49	Change primary and secondary fuel/ water separator				
50	Check hydraulic filter restriction indicator on the filter head, change if indicator is tripped				
51	Change hydraulic oil and return filters				
52	Change hydraulic suction screens				

Description		✓	250HR	500HR	750HR	1000HR
53	Check axle breathers for blockage, clean if required					
54	Check transmission breather for blockage, clean if required					
55	Change oil and filter	✓				
56	Grease all driveline slip joints and U-joints					
57	Check grease line for security and leaks					
58	Hand grease drive shafts, universal joints, slip joints and support bearings. Check condition of all driveshaft's looseness					
59	Change hydraulic tank breather					
60	Change transfer case oil and filters					
61	Change transmission oil and filters					
Magnetic Plug Inspections (Final Drives)		P1	P2	P3	P4	
62	Inspect for metal particles on mag plugs, record results					
63	Change all final drive oils					
..... WARNING DIFF AND FINAL DRIVES MAY BE UNDER PRESSURE.....						
F/DIFF		R/DIFF				
64	Inspect for metal particle, inspect o-ring then thoroughly clean at filtered parts washer prior to refitting.					
65	Sample and change front and rear differential oils.					
66	Ensure machine is on level ground then engage park brake					
67						
68	Isolate and Tag machine as per Isolation Procedures					
WARNING: Relieve all residual pressures form oil and water systems						
	Take SOS Sample from:	Oil Used	Changed	Litres	Litres	Litres
69	Engine	<i>Fusho cargo 15w40</i>	✓			
70	Transmission					
71	Transfer Case					
72	Differentials					
73	Final Drives					
Record hours, date, machine number and compartment on SOS bottle and a Y or N if oil was or was not changed						
74	Inspect all warning sensors and cable condition	✓				
75	Check fire extinguishers fitment, date and charge	✓				
76	Check access step, handrail, compartment panels, and doors for damage, wear, alignment and security	✓				
77	Check rear and front frame for cracks	✓				
78	Check FOPS cab protection for cracks, damage and bolt fitment	✓				
79	Clean/ replace cab air filters					
80	Fill window washer reservoir	✓				
81	Check safety labels are clean and legible	✓				
82	Check window glass for damage, fitting and support locking rubbers and Emergency window escape lock ring pulls	✓				
83	Check condition of door rubbers for deterioration	✓				
84	Check operator's seat and seat belt	✓				
85	Clean cab of all debris, rags and rubbish					
86	Check instrument panel for dislodged or loose components, tripped circuit breakers, panels and gauge lighting, loose wiring and corrosion of terminals and wiring	✓				
87	All splash guards, covers and belly plates must be correctly refitted before the machine returns to work	✓				
88	Walk around and climb over equipment looking for foreign materials. EG: rags, tools, blocks, chains ect	✓				
89	Remove personal Danger Tag, sound horn, start equipment	✓				
90	Test all movements and stall test hydraulic circuits then stop machine and check for leaks					
91	Wash out radiator and oil cooler and report any damage					

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	DBN XL	ENGINE HRS:	3015
REGO NO:		KLMS:	—
UNIT NO:	SDM 34	DATE:	15:5:24
		NAME:	W022A

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	✓
2	Review comments in pre- start book and discuss with Operator if available.	✓
3	Check prestart comply to site and OEM brake testing	—
4	Check all warning buzzers and or indicators	✓
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	✓
6	Check operation of warning horn	✓
7	Check operation of wipers and blades	✓
8	Check operation of window washers	✓
9	Check operation of reverse alarm	✓
10	Check water level	✓
11	Check oil level serviced.	✓
12	Check wheels, tyres, nuts and studs / tracks	✓
13	Check tyre pressures	N/A.
14	Check battery for connection. Check leads	✓
15	Check filters	✓
16	Check fire extinguisher fitment, date and charge	✓
17	Check air conditioner operation serviced	✓
18	Check seatbelt condition and working order	✓
19	Check two-way radio	✓
20	Clean inside of cab	✓
21	Clean outside of vehicle ON WIRE	—
Comments:		

Signature: _____

WPhillips 16:5:24



Heavy Vehicle SAFETY INSPECTION

VEHICLE:	CAT Dozer	ENGINE HRS:	3300
REGO NO:		KLMS:	
UNIT NO:	SDH 34	DATE:	16-8-24
		NAME:	WOU12

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	/
2	Review comments in pre- start book and discuss with Operator if available.	/
3	Check prestart comply to site and OEM brake testing	/
4	Check all warning buzzers and or indicators	/
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	/
6	Check operation of warning horn	/
7	Check operation of wipers and blades	/
8	Check operation of window washers	/
9	Check operation of reverse alarm	/
10	Check water level	/
11	Check oil level	/
12	Check wheels, tyres, nuts and studs / tracks	/
13	Check tyre pressures	/
14	Check battery for connection. Check leads	/
15	Check filters	/
16	Check fire extinguisher fitment, date and charge	/
17	Check air conditioner operation	/
18	Check seatbelt condition and working order	/
19	Check two-way radio	/
20	Clean inside of cab	/
21	Clean outside of vehicle	/
Comments:		

Signature: _____

[Signature]

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	DBN XL DOZER	ENGINE HRS:	2650 HRS
REGO NO:	N/A	KLMS:	N/A
UNIT NO:	SDH 35	DATE:	7/11/22
		NAME:	J. Morris

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	✓
2	Review comments in pre-start book and discuss with Operator if available.	✓
3	Check prestart comply to site and OEM brake testing	✓
4	Check all warning buzzers and or indicators	✓
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	✓
6	Check operation of warning horn	✓
7	Check operation of wipers and blades	✓
8	Check operation of window washers	✓
9	Check operation of reverse alarm	✓
10	Check water level	✓
11	Check oil level	✓
12	Check wheels, tyres, nuts and studs / tracks	✓
13	Check tyre pressures	N/A
14	Check battery for connection. Check leads	✓
15	Check filters	✓
16	Check fire extinguisher fitment, date and charge	✓
17	Check air conditioner operation	✓
18	Check seatbelt condition and working order	✓
19	Check two-way radio	✓
20	Clean inside of cab	✓
21	Clean outside of vehicle	✓

Comments:

Cutting edges 182mm Across blade. Track rollers need turning.
Crawler plates 56.18 RHS 56.08 LHS - Segments LH + RH weaving due to rollers.
Carrier Rollers 2.5mm wear.

Signature: _____

[Signature]

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	DELX Dozer	ENGINE HRS:	3127.8
REGO NO:		KLMS:	—
UNIT NO:	SDH34	DATE:	3-7-24
		NAME:	Ashley

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

Pre inspection

1	Report any damage to supervisor.	/
2	Review comments in pre- start book and discuss with Operator if available.	/
3	Check prestart comply to site and OEM brake testing	/
4	Check all warning buzzers and or indicators	/
5	Check operation of all lights. Including work lights, brake lights, high beam and spotlights	/
6	Check operation of warning horn	/
7	Check operation of wipers and blades	/
8	Check operation of window washers	/
9	Check operation of reverse alarm	/
10	Check water level	/
11	Check oil level	/
12	Check wheels, tyres, nuts and studs / tracks	/
13	Check tyre pressures	/
14	Check battery for connection. Check leads	/
15	Check filters	/
16	Check fire extinguisher fitment, date and charge	/
17	Check air conditioner operation	/
18	Check seatbelt condition and working order	/
19	Check two-way radio	/
20	Clean inside of cab	/
21	Clean outside of vehicle	/
Comments:		

Signature:

Ashley

Pre-Site Equipment Inspection Checklist

Date: 16/4/23

Contractor: [REDACTED]

Make: CAT

Hours: 2780

Rego Number: N/A

Model: D6N

Vehicle Kilometres: N/A

Asset Number: SDH34

11630

Item	Operational Items	Pass	Fail	N/A
1	Check plant has Pre-start book	✓		
2	Check operation of park brake as per manufacturers instructions	✓		
3	Check operation of service brakes as per manufacturers instruction	✓		
4	Check operation of steering	✓		
5	Check operation of tub lift and tub up alarm - if applicable			✓
6	Check operation of implements	✓		
7	Check operation of transmission - all gears, neutral start function etc	✓		
8	Check all hydraulic implements	✓		
Item	Electrical	Pass	Fail	N/A
9	Check all work lights / headlights	✓		
10	Check all stop / tail lights	✓		
11	Check operation of horn	✓		
12	Check all gauges	✓		
13	Check operation of battery isolator(s) Note: Must be lockable and isolate all power	✓		
14	Check operation of all emergency stop switches (if equipped)			✓
15	Check batteries are mounted securely	✓		
16	Check operation of flashing beacon / strobe light	✓		
17	Check operation of two-way radio (RG Frequencies) UHF (if vehicle is on site > 3 months, then must be fitted)	✓		
18	Check operation of wipers / washers	✓		
19	Check operation of reverse camera if applicable			✓
20	Check operation of reverse alarm LV reverse alarms must be wired to an ON/OFF switch (must be 62 Db Broadband) Heavy Equipment (Trucks) Must be hard wired not through a ON/OFF (102-107 Db Broadband self-adjusting) Mobile Plant (102-107 Db Broadband self-adjusting)	✓		
21	Check battery cables and wiring are secured	✓		
Item	Fire Suppression	Pass	Fail	N/A
22	Check fire extinguisher charged and mounted securely (within 6 monthly date)	✓		
23	Check fire suppression system charged			✓
24	Check fire suppression hoses, pipes, nozzles are secured and undamaged			✓
25	Check fire suppression tank is mounted securely			✓
26	Check condition of fire suppression gauges and actuators			✓
27	Check operation of fire suppression engine shutdown system	✓		
28	Check bottle test date within specifications	✓		

Item	General	Pass	Fail	N/A
29	Check for engine oil leaks	✓		
30	Check fuel hoses mounted securely and not rubbing through anywhere	✓		
31	Check radiator leaks	✓		
32	Check cab mounts	✓		
33	Check for transmission oil leaks	✓		
34	Check driveline condition and for loose or missing universal joint retaining bolts	✓		
35	Check for hydraulic leaks	✓		
36	Check hydraulic cylinders for leaks	✓		
37	Check operation of cab door latch mechanisms	✓		
38	Check condition of operator seat - check suspension, padding, slide adjustment	✓		
39	Check seat belts for defects and must be in safe operational condition	✓		
40	Check for cracked or damaged windows / glass	✓		
41	Check if LV or trailer fitted with split rims (not allowed)			✓
42	Check rims and tyres for damage			✓
43	Check tyre pressures - visual			✓
44	Wheel nuts and locks			✓
45	Check steering linkages for damage	✓		
46	Report any damage or safety hazards in comments column	✓		
47	Whip aerial flag must be 3.5 meters from ground to tip			✓
48	Check Asset Numbers displayed on equipment (yellow reflective font-black background) Light Vehicles ☐ Doors stickers/magnets - 600mm x 230mm (minimum) ☐ Rear sticker/magnet - 300mm x 90mm (minimum) Heavy Machinery ☐ Contact inspector	✓		
49	All mobile equipment (excluding LV's) will display a travelling height and maximum height (if applicable) dimensions in view of the operator inside the cab	✓		
50	Any mobile equipment fitted with air conditioning must come with certified documentation stating it has only been charged with gas which complies with the Australian Refrigeration Council regulations. All air-condition mobile equipment must comply the Australian Refrigeration Council regulations, with a Hydrocarbon limit of 0.000%.	✓		
51	Check First Aid Kit	✓		

If inspected Vehicle or Plant is a Classified or Registrable Plant under the Mines Act, then all Certification is to be verified & up to date.

☒ Not applicable

☐ Certification is verified

☐ Certification is current

☒ FIRST INSPECTION PASSED ☐ FIRST INSPECTION FAILED ☐ SECOND INSPECTION PASSED

Signature: _____

Comments: _____



NOTICE

By signing below, it is understood that both parties understand the requirements as noted in the checklist above.

If inspected off site a pass sticker must be acquired at Ravenswood Gold before entry is allowed.

Inspected By: Lance Roberts
(Name of Ravenswood Gold Mechanical Representative)

Signature: [Signature]

Equipment Owner / Operator: Warren Phillips

Signature: [Signature]



NOTICE

If any Electrical equipment has come on site please contact Electrical Department for testing.
If a vehicle or plant is working on site permanently and is owned by a contractor, the following is to be obtained.

1. Obtain a pre-start containing brake & steering checks.

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	CAT D6N Dozer.	ENGINE HRS:	2611.2
REGO NO:	N/A	KLMS:	—
UNIT NO:	SDH 34	DATE:	30/06/2022
		NAME:	J. Morris.

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	✓
2	Review comments in pre- start book and discuss with Operator if available.	✓
3	Check prestart comply to site and OEM brake testing	✓
4	Check all warning buzzers and or indicators	✓
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	✓
6	Check operation of warning horn	✓
7	Check operation of wipers and blades	✓
8	Check operation of window washers	✓
9	Check operation of reverse alarm	✓
10	Check water level	✓
11	Check oil level	✓
12	Check wheels, tyres, nuts and studs / tracks	✓
13	Check tyre pressures	N/A
14	Check battery for connection. Check leads	✓
15	Check filters	✓
16	Check fire extinguisher fitment, date and charge	✓
17	Check air conditioner operation	✓
18	Check seatbelt condition and working order	✓
19	Check two-way radio	✓
20	Clean inside of cab	✓
21	Clean outside of vehicle	✓

Comments:

Signature: _____

[Signature]

Heavy Vehicle SAFETY INSPECTION

VEHICLE:	CAT D6N	ENGINE HRS:	2530.4
REGO NO:		KLMS:	
UNIT NO:	SDH 35	DATE:	16/3/22
		NAME:	Cannon B

Purpose:

This inspection is to ensure all machinery is compliant to company standards and to provide a safer working environment for all personal entering this site.

Detailed Instructions:

1	Report any damage to supervisor.	/
2	Review comments in pre- start book and discuss with Operator if available.	/
3	Check prestart comply to site and OEM brake testing	/
4	Check all warning buzzers and or indicators	/
5	Check operation of all lights. including work lights, brake lights, high beam and spotlights	/
6	Check operation of warning horn	/
7	Check operation of wipers and blades	/
8	Check operation of window washers	/
9	Check operation of reverse alarm	/
10	Check water level	/
11	Check oil level	/
12	Check wheels, tyres, nuts and studs / tracks	/
13	Check tyre pressures	/
14	Check battery for connection. Check leads	/
15	Check filters	/
16	Check fire extinguisher fitment, date and charge	/
17	Check air conditioner operation	/
18	Check seatbelt condition and working order	/
19	Check two-way radio	/
20	Clean inside of cab	/
21	Clean outside of vehicle	/
Comments:		

Signature: _____

HEAVY VEHICLE SERVICE SHEET

Equipment Details	
Unit No:	SDU34
Date:	15.5.24
Engine Hrs:	3015
Make:	DG N XL
Model:	

Oils Added 15W-90 CARGO	
Eng:	19L
Tran:	
Hyd:	
F/Diff:	
R/Diff	

Completed by:	
Name:	LOUIE BOLDEN
Last Service	
Hours:	
Date:	

250 Hour	500 Hour	750 Hour	1000 Hour
			✓



Refer to the Workshop Manual or your Supervisor for assistance if you are unsure of any portion of this Service Procedure.

RELIEVE ALL RESIDUAL PRESSURES IN THE AIR AND HYDRAULIC SYSTEMS.

If you are unsure of the correct Tag Out Procedures DO NOT proceed with this service.

Ensure wheels are chocked before proceeding.

Description:	✓	250HR	500HR	750HR	1000HR
1 Report any damage to supervisor					✓
2 Review comments in pre-start book and discuss with Operator if available.					✓
3 Test Two-way radio					✓
4 Inspect aerial condition					✓
5 Test operation of warning horn					✓
6 Test operation of warning reverse alarm					✓
7 Test operation of washers, wipers and blades					✓
9 Test operation of cab interior light					✓
11 Test operation of all work lights and switches					✓
12 Test operation of fuel tank level indicator and cab gauge					✓
13 Test air conditioner and operation					✓
14 Inspect air conditioner cab pressuriser fan, compressor, condenser, evaporator, drains.					✓
15 Park Brake Caution .. Machine will stop abruptly during this check, fasten seatbelt. Perform check in an open area. - Position vehicle facing downhill - Apply park brake fully on, release service brake - If machine moves – investigate and repair fault.					N/A
16 Service Brake Check - Position machine facing downhill - Apply service brake fully on - If machine moves – investigate and repair fault - Adjust brakes as required.					N/A

Description:				✓	250HR	500HR	750HR	1000HR
Mechanical Inspection								
17	Check wheel nut torque							N/A
18	Inspect Hydraulic hoses for leaks and chaffing							✓
19	Check park brake disc and pad wear							N/A
20	Check and clean batteries							✓
21	Inspect steering cylinder pins and bushes for looseness and wear							✓
22	Inspect frame for structural defects							✓
23	Inspect ROPS cab, frame and arms for wear, fatigue or cracks							✓
24	Inspect GET – teeth and cutting edges							✓
25	Inspect quick hitch attachment function is normal							N/A
26	Inspect pins and bushes							✓
27	Inspect attachments – Augers, Rock Breaker, Forks, Post hole borer							N/A
28	Hoses and fittings							✓
29	Rams							N/A
30	Arms							N/A
31	Check tyre pressures, rim and tyre condition.							N/A
	Position	Pressure	Tread Depth					
	1							
	2							
	3							
	4							

Engine System Checks

32	Check operation of the engine air filter restriction indicator							✓
33	Check induction system pipe work, hoses and clamps for signs of deterioration that could cause engine dusting							✓
34	Check oil and fuel lines for fitment, chaffing and leaks. Ensure no fire hazards in engine bay, and leaks found must be repaired.							✓
35	Check coolant level, inspect cap and header tank neck for damage.							✓
36	Check radiator mountings and fan shroud fastening bolts, inspect radiator for blocked and damaged fins.							✓
37	Check cooling fan mounting, hub bearings for movement, pulley groove wear and vee belts for tension and wear.							✓
38	Check cooling system hoses and clamps for signs of deterioration or leaks.							✓
39	Check water pump tell-tale hole for sign of a leaking seal and possible blockage.							✓
40	Check alternator and air conditioner compressor mounting hardware/ condition and adjustment of belts and pulleys.							✓
41	Check engine mounting bolt fitment and condition of rubber mounts.							✓
42	Inspect starter motor mount bolts, solenoid and connections							✓
43	Inspect air filter pre-cleaning for damage							✓
44	Check air filter elements, replace as required. Write date and hours on filter.							✓
45	Inspect all exhaust covers.							✓
46	Inspect battery isolator for operation and condition, check connections and lead condition							✓
47	Inspect start isolator for operation and condition, check connections and lead condition							✓
48	Check and adjust valve clearance							✓

Oils, Screens and Breathers

49	Change primary and secondary fuel/ water separator							✓
50	Check hydraulic filter restriction indicator on the filter head, change if indicator is tripped							✓
51	Change hydraulic oil and return filters							✓
52	Change hydraulic suction screens							✓

Description		✓	250HR	500HR	750HR	1000HR
53	Check axle breathers for blockage, clean if required					2/1
54	Check transmission breather for blockage, clean if required					✓
55	Change oil and filter					✓
56	Grease all driveline slip joints and U-joints					2/1
57	Check grease line for security and leaks					2/1
58	Hand grease drive shafts, universal joints, slip joints and support bearings. Check condition of all driveshaft's looseness					2/1
59	Change hydraulic tank breather					2/1
60	Change transfer case oil and filters					2/1
61	Change transmission oil and filters					2/1
Magnetic Plug Inspections (Final Drives)		P1	P2	P3	P4	
62	Inspect for metal particles on mag plugs, record results					2/1
63	Change all final drive oils					2/1

WARNING DIFF AND FINAL DRIVES MAY BE UNDER PRESSURE.....

F/DIFF		R/DIFF				
64	Inspect for metal particle, inspect o-ring then thoroughly clean at filtered parts washer prior to refitting.					
65	Sample and change front and rear differential oils.					
66	Ensure machine is on level ground then engage park brake					
67						
68	Isolate and Tag machine as per Isolation Procedures					

WARNING: Relieve all residual pressures form oil and water systems

	Take SOS Sample from:	Oil Used	Changed				
69	Engine	CARGO 15W-40	✓				19
70	Transmission						
71	Transfer Case						
72	Differentials						
73	Final Drives						

Record hours, date, machine number and compartment on SOS bottle and a Y or N if oil was or was not changed

74	Inspect all warning sensors and cable condition					✓
75	Check fire extinguishers fitment, date and charge					✓
76	Check access step, handrail, compartment panels, and doors for damage, wear, alignment and security					✓
77	Check rear and front frame for cracks					✓
78	Check FOPS cab protection for cracks, damage and bolt fitment					✓
79	Clean/ replace cab air filters					✓
80	Fill window washer reservoir					✓
81	Check safety labels are clean and legible					✓
82	Check window glass for damage, fitting and support locking rubbers and Emergency window escape lock ring pulls					✓
83	Check condition of door rubbers for deterioration					✓
84	Check operator's seat and seat belt					✓
85	Clean cab of all debris, rags and rubbish					✓
86	Check instrument panel for dislodged or loose components, tripped circuit breakers, panels and gauge lighting, loose wiring and corrosion of terminals and wiring					✓
87	All splash guards, covers and belly plates must be correctly refitted before the machine returns to work					✓
88	Walk around and climb over equipment looking for foreign materials. EG: rags, tools, blocks, chains ect					✓
89	Remove personal Danger Tag, sound horn, start equipment					✓
90	Test all movements and stall test hydraulic circuits then stop machine and check for leaks					✓
91	Wash out radiator and oil cooler and report any damage					✓

Fault Description / Recommended Action	
1	1. All functions are OK

Comments

1

462-1171

W Phillips

Date: _____

Use these symbols on check sheet	✓	Done & OK	X	Check not done	R	Repair done	P	Plan next service or raise new job
----------------------------------	---	-----------	---	----------------	---	-------------	---	------------------------------------

HEAVY VEHICLE SERVICE SHEET

250 Hour Service

Equipment Details		Completed by:	
Unit No:	SDH 34	Name:	LOUIE
Date:	16-8-24		
Engine Hrs:	3300	Last Service	3015
Make:	CAT	Hour:	
Model:	D6N XL	Date:	15-5-24



Refer to the Workshop Manual or your Supervisor for assistance if you are unsure of any portion of this Service Procedure.

RELIEVE ALL RESIDUAL PRESSURES IN THE AIR AND HYDRAULIC SYSTEMS.

If you are unsure of the correct Tag Out Procedures DO NOT proceed with this service.

Ensure wheels are chocked before proceeding.

Description:	✓	250HR
--------------	---	-------

1	Report any damage to supervisor	/
2	Review comments in pre-start book and discuss with Operator if available.	/
3	Test Two-way radio	/
4	Inspect aerial condition	/
5	Test operation of warning horn	/
6	Test operation of warning reverse alarm	/
7	Test operation of washers, wipers and blades	/
8	Test operation of cab interior light	/
9	Test operation of all work lights and switches	/
10	Test operation of fuel tank level indicator and cab gauge	/
11	Test air conditioner and operation	/
12	Inspect Centre Bearing	
13	Inspect spray activators for leaks	
14	Inspect air conditioner cab pressuriser fan, compressor, condenser, evaporator, drains.	/
15	Park Brake Caution .. Machine will stop abruptly during this check, fasten seatbelt. Perform check in an open area. - Position vehicle facing downhill - Apply park brake fully on, release service brake - If machine moves – investigate and repair fault.	/
16	Service Brake Check - Position machine facing downhill - Apply service brake fully on - If machine moves – investigate and repair fault - Adjust brakes as required.	/
Mechanical Inspection		
17	Check wheel nut torque	
18	Inspect Hydraulic hoses for leaks and chaffing	/
19	Check and clean batteries	/

Description:				250H
20	Check park brake disc and pad wear			
21	Inspect steering cylinder pins and brushes for looseness and wear			
22	Inspect frame for structural defects			/
23	Inspect ROPS cab, frame and arms for wear, fatigue or cracks			/
24	Inspect ring feeder/pintle attachment function is normal			
25	Inspect pins and bushes			/
26	Inspect attachments- Augers, Rock Breaker, Forks, Post Hole Borer			
27	Hoses and fittings			/
28	Rams			/
29	Arms			/
30	Check tyre pressures, rim and tyre condition.			
	Position	Pressure	Tread Depth	
	1			
	2			
	3			
	4			
	5			
	6			

Engine System Checks		
31	Check operation of the engine air filter restriction indicator	/
32	Check induction system pipe work, hoses and clamps for signs of deterioration that could cause engine dusting	/
33	Check oil and fuel lines for fitment, chaffing and leaks. Ensure no fire hazards in engine bay, and leaks found must be repaired.	/
34	Check coolant level, inspect cap and header tank neck for damage.	/
35	Check radiator mountings and fan shroud fastening bolts, inspect radiator for blocked and damaged fins.	/
36	Check cooling fan mounting, hub bearings for movement, pulley groove wear and vee belts for tension and wear.	/
37	Check cooling system hoses and clamps for signs of deterioration or leaks.	/
38	Check water pump tell-tale hole for sign of a leaking seal and possible blockage.	/
39	Check alternator and air conditioner compressor mounting hardware/ condition and adjustment of belts and pulleys.	/
40	Check engine mounting bolt fitment and condition of rubber mounts.	/
41	Inspect starter motor mount bolts, solenoid and connections	/
42	Inspect air filter pre-cleaning for damage	/
43	Check air filter elements, replace as required. Write date and hours on filter.	/
44	Inspect all exhaust covers.	/
45	Inspect battery isolator for operation and condition, check connections and lead condition	/
46	Inspect start isolator for operation and condition, check connections and lead condition	/
Oils, Screens and Breathers		
47	Change primary and secondary fuel/ water separator	/
48	Check hydraulic filter restriction indicator on the filter head, change if indicator is tripped	/
49	Check axle breathers for blockage, clean if required	/
50	Check transmission breather for blockage, clean if required	/
51	Change oil and filter	/
52	Grease all driveline slip joints and U-joints	/
53	Check grease line for security and leaks	
54	Hand grease drive shafts, universal joints, slip joints and support bearings. Check condition of all driveshaft's looseness	

..... WARNING DIFF AND FINAL DRIVES MAY BE UNDER PRESSURE.....

[illegible]

