

Plant & Vehicle Maintenance & Repairs

Asset Number: CO252		Serial Number: CAT0966HTAL01361	
Make: Caterpillar		Model: 966H Loader	Year of Manufacture: 2011
Date	Hr / Kms	Work Conducted	Responsible Person
18/08/2015		Cuts inside Pos 1. Checked. All ok. (Superficial).	TG
14/09/2015	3745	Rotate cutting edges.	TG/GC
16/09/2015	3755	250 hrs service as per manual.	GC
11/11/2015		Change cutting edges.	TG/GC
27/11/2015	3987	Replace batteries.	TG
19/01/2016	4200	Replace cutting edges.	TG/GC
10/03/2016	4482	Rotate cutting edges.	TG/GC
8/04/2016	4636	Replace cutting edges.	TG/GC
18/05/2016	4793	Change heel plates.	TG/GC
17/06/2016	4847	Rotate edges.	GC
25/07/2016	4912	Front left tyre puncture repair (plugged).	TG/GC
25/07/2016		Refer to Hastings Deering Invoice AP300552291	Hastings
8/08/2016	4950	1000 hrs service.	TG
9/08/2016	4950	1000 hrs service cont.	TG
10/08/2016	4950	Remove and replace damaged trans filter housing. Change cutting edges.	TG
11/08/2016	4950	1000 hrs service complete. Wash. Clean windows	TG
20/08/2016		Refer to Hastings Deering Invoice 2010015177	Hastings
25/08/2016		Refer to Hastings Deering Invoice 2010024132	Hastings
26/08/2016	5019	Change engine oil and filter. Replace L/H headlight globe. Clear blocked air con. drain tube.	GC
31/08/2016	5030	Check brakes sticking on. Blow out cab. Clean around brake pedals.	TG
3/09/2016	5050	Adjust door handle linkage.	TG
7/09/2016	5052	Replace L/H Door Handle	TG
6/10/2016		Refer to Hastings Deering Invoice 2010094946	Hastings
7/10/2016		Replaced headlight and globe. Repair wiring.	TG/GC
18/10/2016		Refer to Hastings Deering Invoice 2010108553	Hastings
19/10/2016	5153	Replace bonnet/air filter. Dust protection rubber.	TG
20/10/2016		Blow out air filters and grease.	TG
21/10/2016	5156	Replace R/H headlight globe.	TG
25/10/2016	5161	Fit new secondary air filter. Fuel and grease.	TG/GC
14/11/2016	5181	Won't start - test batteries and cables. Both ok. Tap starter motor, machine started. (faulty starter motor)	GC
26/11/2016	5198	Rotate cutting edges.	TG

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7/12/2016	5209	Remove R/H bucket edge, clean, refit with new bolts & nuts. At pit.	GC
10/01/2017		Refer to Hastings Deering Invoice 5000445519	Hastings
10/01/2017	5232	Replace bucket edges, bolts and nuts.	GC
19/01/2017	5249	Replace R/H headlight and parker globes.	GC
19/01/2017		Refer to Hastings Deering Invoice	Hastings
21/01/2017	5251	Replace L/H headlight assembly.	GC
31/03/2017		Grease & Check fuel	GC
3/07/2017	5362	Fit new windscreen wipers and dipstick	MM
14/07/2017		Fit new tail light globe	MM
15/07/2017	5389	Turn cutting edge	MM / GC
16/08/2017		Engine surging - replace fuel filters and air filters	GC SS
19/08/2017		Check out possible fuel blockage	GC MM
29/08/2017	5505	500hr service	TG
2/10/2017		Checked filters, blew out fuel line	
3/11/2017		Hastings Deering test and recalibrate, update ECU	Hastings
29/11/2017	5717	Fitted UHF aerial extension	BO
27/12/2017	5764	250hr service, oil sample taken	BO
3/01/2018		Fitted new fuel filters	BO
15/01/2018		Cutting edge needs to be turned - Done	
26/01/2018		Hastings invoice 40100104470 to fix poor shifting between 2nd and 3rd.	Hastings
8/02/2018		Inspect engine noise - faulty drive belt	GC SS
10/02/2018		Fit new fanbelt and outer air cleaner	SS
12/03/2018		Change fuel filters and replaced cutting edge	MM
13/03/2018	6044	1000hr service, remove and replace cutting edges and heel plates	BO SS
11/04/2018	6136	Change diff oil, trans oil, clean suction screen, fill oils	TG
10/05/2018		Remove leaking hydraulic valve control body, dismantle, clean, inspect. Replace O rings and reassembled	TG GC
14/05/2018		Fit valve body to machine. Full hydraulic oil, test and inspect for leaks	SS GC
13/06/2018	6324	Change cutting edges	TG GC
25/06/2018	6346	250 hour service complete	TG GC
26/12/2018	6482	500 hour service	TG
7/01/2019	6482	Remove steering cylinder, line bore main frame, reassemble new pairs (line bored by Wilkinson). Remove rear diff, rebush trunions replace, fit new tyres (Bridgestone), Remove fuel tank and replace, clean out tank, clean out check and test fuel lines and filter housings. Replace insulation inside bonnet	TG

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8/05/2019	6546	Check starting fault, checked battery voltage, battery terminals and master switch connections. Check starter connections, test all OK	TG
6/06/2019	6588	Remove rubber step straps, straighten brackets, replace new step straps, re assemble	TG SS
20/06/2019	6595	Replace dip stick	GC
21/08/2019	6658	Fit new bonnet tilt actuator	TG
21/08/2019	6658	Replace cutting edges	TG
23/10/2019	6764	250 hour service complete - Replaced fuel oil, air filters, rotate cutting edges, replace mudguard latch RHS, replace cracked air cleaner cover, replace steering column tilt strut, replace UHF radio aerial	TG SS
16/12/2019	6840	Pressure tested fuel system, replaced fuel transfer pump, replace #2 injector, Cat re - calibrate injector with cat	TG SS
7/01/2020	6918	Inspect oil leak, found leaking LH lift cylinder hose, remove hose, order hose Hastings refit, clean, inspect for leaks, top up hydraulic oil, test. OK	TG SS
7/02/2020	7010	Change oil filters	TG
19/03/2020	7064	7000 hr service, change trans oil, fuel and hydraulic and transmission filters. Oil sample all. Found 3cc clutch material in transmission suction screens. Sent transmission filter for inspection.	TG
27/03/2020	7064	Pressure test transmission clutch packs, pressures all within specs	TG SS
8/07/2020	7139	Remove and disassemble tilt mechanism, order parts, replace hinge bolts, reassemble	TG
12/11/2020	7230	250 hr service done.	TG
16/11/2020	7236	Topped coolant up	SS
18/11/2020	7248	Inspect, found leaking pilot oil hose. Remove rear right wheel to access hose and fit, re-assemble and top up hyd oil.	TG
16/01/2021	5797	Replaced broken starter isolator with new unit and tested. Hours don't make sense?	SS
21/01/2021		Disconnected reverse camera	SS
6/02/2021	7431	Topped up coolant	SS
13/03/2021	7514	500 hr service, replaced engine oil and filter, sampled mud, engine and diffs, fit new air filters, new hyd filters and trans filter	SS
23/03/2021	7525	Fit new 2 way radio to machine	SS TG
18/06/2021	7698	Replaced gas strut on steering column, fit new cutting edges.	SS
23/06/2021	7710	Replaced hose from Hastings (blown hose in centre of articulation)	SS
5/07/2021	7717	Replaced batteries	TG
28/07/2021	7783	250 hr service - changed engine oil & filter, blow out air and a/c filters, greased.	SS
8/09/2021	7788	Refer Q# 13213 PO 13411 Wilkinson Rebuild loader bucket skin with 12mm grade wear plate	SC/Wilkinson
19/10/2021	7828	Wilkinson re-skinned bucket section - refer Inv TBA	Wilkinson
1/11/2021	7828	Inspected windscreen crack. Still operational, closed.	TG
22/11/2021	7860	Replace blown hydraulic hose to lift cylinders in articulation, refill 40L CAT Advance 10W hydraulic oil.	TG
1/02/2022	7899	Topped up Hydro Oil	TG

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22/02/2022	7992	Tested starting system found faulty starter motor, replaced with reman stater motor. Changed engine oil	TG
18/03/2022	8100	Completed 2000 hr Service, changed all oils & filters, found rubbery materials in suction screens, replaced cutt	TG
30/04/2022		Reconnected wiring so reverse camera would work again.	SS
18/05/2022	8481	Replaced washer bottle motor	SS
3/06/2022	8612	500 hr service, sample engin, transmission, hydro oil and filters, replace AC filters, replace outer air cleaner filt	GC
3/06/2022	8612	Slash In FRH Tyre/ Sometimes Sticks in First Gear. Inspected. OK	SS
15/07/2022	8803	JN#3101 - 250hr Service, changed oil & filters, sampled engine oil, blew out all filters, replaced tail lights, rep	TG SS GC
27/09/2022	n/a	JN#3084 - Inspected on 27/9/22 - Ok for now, not currently impacting on drivers view.	TG
27/09/2022	8866	JN#3102 - Fault, bucket base edge bent. Removed bucket & sent to Wilkinson Eng for repair. Re-bush loader arm bushes & crowd bushes. Re-seal lift cylinders & crowd cylinder. Re-assemble. Refer to Inv 15513	TG SS & Wilkinson Eng
12/10/2022	8866	JN#3214 - Replaced end bit cutting edges with after market edges from Norline.	TG SS
12/10/2022	8866	JN#3215 - Fault, horn button missing. Replaced horn button, tested ok.	TG
12/10/2022	8866	JN#3222 - Replaced end bit cutting edges & front bucket.	TG SS
24/10/2022	8867	JN#3228 - Fault, not very cold. A/c replaced high pressure schroder valve, top up 800grams gas.	SS
21/10/2022		Re-Harness machine, remove & wash DPF, complete burn, change out hydra hoses refer att TPS Inv 0600	TPS
9/11/2022		Test & Calibrate a set of Loadrite loader scales at Nebo Road - refer att AWT Inv 4624 - L Series 2180 Serial # 260640	AWT
9/11/2022		Attached Certificate of Calibration AWT	AWT
17/01/2023	8978	1000 hr service. Changed all filters, adjusted valves and injectors, changed cutting edges, repaired bent front mudguards and repaired bent front left headlight mount	TG
17/01/2023	8978	Replaced transmission filter.	
23/01/2023	9010	Cleaned out blocked aircon condensor, topped up gas (540g)	SS
24/01/2023	9017	Replaced wiper arm and an - seize linkage	SS
27/01/2023	9038	Replaced A/C blower motor	SS
28/02/2023		Replaced turbo compressor hose	JG
29/03/2023	9189	JN # 3358 28/3-degas A/C system, disconnect wiring for loadrite, remove cab. 29/3-wash down under cab area, degrease transmission area, order brake hose, o ring seals for modulating valves. start to remove, reseal modulating valves. 31/3- Finish off sealing valves, replace transmission breather, replace brak line from treadle valve to rear brakes.	TG, SS, GA, SE
30/03/2023	9189	JN # 3308- 5/4- Remove wiring harness for trans shift selectors, prep new wiring harness for install and start to refit, replace hydraulic hose from bottom of hydraulic tank	TG, SS, GA, SE

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4/04/2023	9189	JN # 3362-Remove window LH side windscreen section, pickup windscreen glass and foam tape from HD, 2 tubes windscreen adhesive from Top End windscreens. GA remove floor mats and foam insulation from inside cab and paint with rust converter, removed doors and rust converted. 4/4-sand down and paint cab, refit floor mats and doors, install LH windscreen side glass and glue into place with windscree adhesive silicone from top end windscreens, remove and dissassemble 2 front mudguards to be quoted by pawned works. 5/4- mask up cab and paint with spray gun, satin black, sand down and prep counterweight, polish and buff paintwork on mudguards. 18/4 - SS paint loader arms with primer, Edgy and Glen move stickers from bonnet, straighten LH bottom of step and fit new step and rubber straps	TG, SS, GA, SE
11/04/2023		Windows tinted	
13/04/2023	9205	JN 3358 - replaced A/C quick couplers on back of cab, refit cab and connect heater hoses, wiring harnesses, A/C hoses and washer bottle lines	TG
14/04/2023	9205	Refill hydraulic tank, install rear console and 2 way radion regas A/C system refit steering metering pump and treadle valve, get front guards from TL panel works	TG
19/04/2023	9205	Edgy and Glen spray paint top coat to arms and bucket	
20/04/2023	9205	Serg paint arms bucket and bonnet, Glen clean up overspray and move out of workshop	SS, GA
28/04/2023	9205	Ben designs fittend new CAT decals and EAC logo and plant number stickers	Ben Designs
17/05/2023	9205	Remove LH rear wheel, check and tighten all remote pressure test lines from modulating valves, refit wheel and wash down, inspect for leaks. All OK	TG, SS
23/05/2023		Fit EAC logo	TG, SS
21/06/2023	9250	250 hr service, change oil and filter, rotate cutting edges	TG, SS
1/11/2023	9355	Travel to pit, prestart, no transmission light, check wiring to reverse alarm, power and earth good, remove pla	Workshop
7/11/2023	9358	Travel to EAC pit, replaced reverse alarm and trans restriction springs and switch, test and warm up trans, no warning light, pressure test trans, adjust pressures up a bit to above spec, calibrate modulation valves, no. 5 press port (second speed clutch), still low, talk with Robbo and Ryan to get loader back to workshop to swap over modulating valves and re-test.	Workshop
7/11/2023		Transmission bypass light coming on - Material found in transmission - refer to attached TPS Inv 1353	TPS
9/11/2023	9358	Swap coil packs on No 5 and 4, pressure test parts (2nd and 3rd speeds), test, no change, swap modulating v	Workshop
10/11/2023	9358	Re-seal cylinder and refit replaced wheel and tested. OK.	Workshop
10/11/2023	9358	Discussed pressure test results with Scott, review results with John Fitzpatrick, get quote/availability from Hast	Workshop
19/01/2024		Disassemble loadritte and remove screen, decide where to procure then order	Workshop
05/02/204	9358	Parts ordered. Replaced LCD screen in loadrite, re-assembled, tested OK	Workshop
23/03/2024	9373	Coolant below sight glass level (nothing in sight glass at all) visually inspected in reservoir, coolant visible - To	Workshop

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10/04/2024	9405	Replaced cutting edges, heel plates & bolts, job complete, 10/4/24 @9405hrs.	Workshop
18/04/2024		Strip, rotate & refit original tyre - Ref att Bridgestone Inv 90296064	Bridgestone Mining
15/07/2024		Lift cylinder hose needs replacing - refer att Inv 900820 HP	Hosepower
18/07/2024	9502	Rear L/H tyre cut on sidewall on rock.. Serg met Darryl from Bridgestone Mining Solutions at DLNG to assist v	Bridgestone Mining/S
21/08/2024		Started 500 hr service (oils). Complete when at workshop on 2/9/24-change hyd and trans oil filters and fuel	Workshop
20/10/2024		Calibration Report #4624	AWT
25/10/2024	9564	Remove broken front diff drain plug and replaced	Workshop
29/10/2024		1 x 26.5R25 MS Tyre as per att Bridgestone Inv 90331761	Bridgestone/Workshc
18/11/2024	9646	Changed cutting edges at DVO.	Workshop
8/01/2025	9769	250 hr service, changed engine oil and filters, air filters, blew out A/C filters	Workshop
10/01/2025	9769	Turn cutting edges, replaced bolts	Workshop
7/02/2025		Replaced LH upper work light on cab	Workshop
17/02/2025	9817	Re-tension cutting edge bolts	Workshop
2/06/2025	9834	Warning light on, wire had fallen off alternator, put back on.	Workshop