

Equipment Maintenance Log sheet

Name of the piece of equipment:	CAT 982M Loader
Serial number:	F9A00282
Manufacturer:	CATERPILLAR
Date of purchase:	11/14/2022
SMU at date of purchase	10,000Hrs
Location of equipment:	Albany Depot
Physical condition:	New/Used
Frequency of maintenance:	250 hour intervals

Date:	Description of maintenance:	SMU at time of maintenance	Next maintenance planned on (date or SMU):	Remarks:
11/18/2022	2000Hr Service, replace input seal on diff (Rear) Remove Bucket teeth	10,000Hrs	10500	
02/01/2023	500Hr Service, Replace header tank and coolant lines	10561Hrs	11000	
02/15/2023	Accumulator Pressure fault, replaced valve	10591Hrs	11000	
04/21/2023	1000 Hour Service	10,892Hrs	11250	
06/24/2023	Diagnosed grease fault, bled grease system, replaced and greased nipple, greased machine, blew out cab filters and engine filters, turned heater taps on set all tyre pressures	11,146Hrs	11250	
08/02/2023	Inspection	11,210Hrs	11250	
08/10/2023	Replace Fault cap, Replace coolant hose to tank, Change front window wiper, repair right rear step, Replace arm rest, Replace idler pulley bearings, Reseal engine breather, Remove and clean header tank, Recharge accumulators, Replace coolant hose from pump to cooler, Change intake hose to manifold	11,210Hrs	11250	
08/14/2023	250 Hour service + Defect list	11,210Hrs	11500	
11/14/2023	Valve set, Replace EGR hose, Replace fast fill hose, Repair bent panel under rear, Replace turbo v-clamp	11,212Hrs	11500	
11/16/2023	Replace hydraulic hose (pump to filler)	11,212Hrs	11500	
02/01/2024	Change engine outer air filter, Test AC fault, Check over heating problem	11,355Hrs	11500	

02/05/2024	Replace TX valve & dryer, Re-gas AC	11,355Hrs	11500	
02/08/2024	Change out coolant temp sensor	11,398Hrs	11500	
02/12/2024	Calibrate Scales - Broomehill	11,404Hrs	11500	
03/27/2024	500 Hour Service + Change fuel filter from 423-8524 to 326-1643	11,631Hrs	11500	Fault code: 3409-6 Still active - Exhaust manifold bank #1 flow balance valve solenoid: Current above normal * Fault code: E232 (1) Not active - Fuel water level high * Fault code: E284 (2&3) Comes & goes - Low brake accumulator pressure (Oil in gas side of accumulator)
03/27/2024	Fuel / water fault - Put load between signal & earth	11,631Hrs	12,000	Need to replace sensor when returns from hire
04/18/2024	Test for Fault codes (3409-6, E232-1 & E284-2&3), Resealed brake accumulators	11,746Hrs	12,000	Replaced Fuel water sensor, Found damaged wire on balance valve solenoid-Repaired, Also Repaired wiring to fuel pressure sensors & AC clutch, All faults clear
04/19/2024	Replaced injector harness	11,746Hrs	12,000	Noted miss (Intermittently) - Harness had started to perish
06/13/2024	Weed & Seed, Off hire	11,805Hrs	12,000	Calibrated bucket crowd, Topped up AdBlue & Fuel
07/01/2024	Removed front drive shaft, removed front tyres	11807	12,000	
07/10/2024	Replace broken Two-Way antenna, installed new Seat Belt	11,809Hrs	12,000	
07/11/2024	Repaired broken belly guard bolt, replace front frame harness, refit rims	11,809Hrs	12,000	
07/13/2024	Replaced Front implement Harness	11,809Hrs	12,000	
07/14/2024	Repair front chassis crack	11,809Hrs	12,000	
08/12/2024	Replaced all universal joints on drive line, replaced centre drive shaft and front carrier bearing.	11,809Hrs	12,000	
08/13/2024	Complete 2000Hr Service	11,809Hrs	12,000	
08/13/2024	Fitted new fire extinguishers	11,809Hrs	12,000	
08/13/2024	Calibrated payload	11,809Hrs	12,000	
08/14/2024	Filled Fuel and Ad Blue	11,809Hrs	12,000	
08/15/2024	Replaced rear washer motor	11,809Hrs	12,000	
08/15/2024	completed On-Hire CCMS	11,809Hrs	12,000	
08/15/2024	Complete Weed & Seed	11,809Hrs	12,000	
08/22/2024	Repaired reverse alarm fault	11811	12000	
08/16/2024	Remove driveshaft, removed and inspected centre carrier bearing, refit driveshaft and centre bearing	11811	12000	

08/19/2024	Re-torque centre bearing, repaired lights	11811	12000	
08/20/2024	Tyre report completed, repaired two-way, repaired step, weed & seed completed	11811	12000	
08/21/2024	1000 Hour Service completed	11811	12000	
08/23/2024	Wire up reverse lights, flushed coolant	11811	12000	
08/29/2024	On-hire completed	11811	12000	
08/30/2024	Weed & seed completed	11811	12000	
09/02/2024	Rewired E-stop	11811	12000	
11/25/2024	Off Hire Inspection Completed	12180	12500	
03/02/2025	Fit fire suppression, relocate E Stop	12180	12500	
03/12/2025	Reclaim air con gas, pressure test system with nitrogen, replace condensor and receiver drier, vac down ac system, recharge gas	12180	12500	
03/21/2025	On Hire Inspection completed	12192	12500	
04/06/2025	Repaired broken two way mount, repaired LHS and RHS ladder and step assembly's, re tagged fire extinguishers, replaced engine sample port cover, replaced DPF heater relay, replaced leaking seat switch, repaired stuck cooler pack door latch, replaced front window washer pump	12192	12500	
04/09/2025	Filter GP and 3 x step ordered			
05/04/2025	Complete off hire inspections and photos	12251.6	12500	
06/10/2025	Re-charged fire suppression, pulled transmission screen, diagnosed trans	12484	12500	
06/19/2025	Loaded loader, removed front drive shaft, in the yard removed belly guard and rear drive shaft, take off truck	Not recorded	12500	
06/23/2025	Cleaned and pressure washed	Not recorded	12500	
06/24/2025	Rear driveshaft removed	Not recorded	12500	
10/03/2025	Installed 2 steel pipes that run around the trans/engine. Install and toghten transmount bolts. Connect all hydraulic and trans hoses and their mounting brackets, replacing all necessary o rings. Pressure wash DPF assembly lift into place. Cnnect all hoses, pipes and electrical connectors	12485	12500	
10/18/2025	Cleaned all parts to prep for assmbly, ordered parts	12485	12500	
10/21/2025	Remove bearing race from transfer housing	12485	12500	

28/10/2025	Shaft cleaned up and checked bearings, sprayed down all parts ready for assembly.	12485	12500	
10/29/2025	Picked up output shaft and gear, removed bearings off idler gear, installed all bearing cups, installed new idler bearing codes. Cleaned all parts, took output shaft and gear for pressing. Assembled transfer case, installed output shaft and gear, made up seal installer.	12485	12500	
10/30/2025	Made tooling to install output shaft seals, installed output shaft seal rear, installed shims for centre idler bearing, install front output shaft housing and seal, install transmission housing, start to install control solenoids .	12485	12500	
10/30/2025	Cleaned clutch packs and actuation, cleaned up and installed, cleaned up trans housing and installed.	12485	12500	
10/31/2025	Installed the transmission and fit bottom mounts	12485	12500	
10/31/2025	Installed control solenoids, zip tied wiring harness, indtalled valves onto front of the transfer gears, installed hoses, torque convertor, hyd pumps, oil screen, lifted into machine and bolted up	12485	12500	
11/03/2025	Installed muffler and DPF	12485	12500	
11/04/2025	Installed hyd tank and cab	12485	12500	
11/04/2025	Lift up and install hyd tank, connect up all hoses, lift up cab and install, torque all bolts, connect all wiring and hoses, install air box and intake pipe, install filler pipe and torque convertor drain pipe.	12485	12500	
11/05/2025	Install drive shafts, torqued output yoke bolts. Filled hydraulics and transmission with oil, filled cooling system. Started machine checked for any leaks, topped up oils, test drive. Codes present for steering and transmission. Pressure tested clutch pack, wasn't engaging, reading no pressure, checked clutches 2 and 5 - good, swapped over the valves between 4 and 2 tested - good, all gears now engaging. Diagnosed steering fault to lose connection, located leaking hose - ordered new one.	12485	12500	

[illegible]

