Plant History

Model: 2016 Komatsu PC138US-8MO **Serial No.:** 033679

Registration No: 35417C **Plant No:** EXC14

Date/Hours	Description
28.04.16	Help clean machine. Organise auto electrician assist fit new isolators. Paint new mount plate. Fit fire extinguisher and number plates.
18.05.16 - **92hrs**	Full wash and detail. Grease and check levels. Ok.
03.08.16 - **320hrs**	Return inspection completed.
23.08.16	Prep machine for hire. Full wash and detail. Grease and check levels ok.
24.08.16 - **320hrs**	Carry out pre hire inspection on machine.
26.09.16 - **446hrs**	Travel to site. Check slew oil level. Top up 900ml check for leaks. None found
07.10.16 - **462hrs** **500hrs service**	Carried out 500hr service 38 hours early as machine was going to Spring Gully. Check machine over. Change engine oil and filter, water separator fuel filter. Sample engine, hydraulics, swing, and final drives. Check lights, washers, E-stops, isolators. Turn cutting edge on bucket.
08.10.16 - **462hrs**	Carry out full wash and detail to achieve weed and seed status. Complete pre hire paperwork
23.12.16 - **625 hrs**	Carry out pre hire inspection. Order air filter and bucket teeth. Go and pick up fit bucket teeth and move machine.
10.02.17 **- 655 hrs**	Check over machine. Change fire extinguishers
08.03.17 - **671hrs**	Change GP bucket to tilt bucket and replace u/s quick connect fitting.
03.07.17 - **970hrs**	Remove damaged piping and hoses. Straighten 2nd bent bucket cylinder pipe. Give other pipe to Butlers. Chase up correct piping and order.
04.07.17 - **970hrs**	Fit repaired hydraulic pipe
05.07.17 - **970hrs**	Order and collect parts. Replace failed RH outer E stop
07.07.17 - **970hrs**	Change bucket cylinder hose from boom to stick. Bleed air and top up hydraulic oil. Change bucket cutting edge and trim to length. Lubricate all grease points on machine. Order parts for 1000hr

	service.
20.09.17 - **1022hrs** **1000hr service**	Start 1000hr service. Check lights, E-stops, isolators. Replace air cleaners.
25.09.17 - **1022hrs**	Carry out 1000hr service. Sample all compartments. Carry out all checks as per OEM Recommendations.
20.02.18 - **1424hrs**	Full Wash and detail. Pre-Hire Inspection. Changed blade cutting edge. Appraised damage to R/H bottom panel.
08.03.18 **- 1473hrs**	Remove hosing from cylinder. Remove upper and lower pins and remove cylinder. Clean bores in cylinder. Fit new cylinder and pins. Plumb up new cylinder with new O-rings. Start machine and bleed cylinder. Check relief pressure 345kg/cm. Top up hydraulic oil.
21.04.18 - **1573hrs** **1500hr Service**	Travel to site and carry out service. Sample all compartments. Top up hydraulic oil and washer bottle. Top up Coolant. Removed cooler screens and cleaned. Cab filter removed and cleaned.
24.08.18 - **2051hrs** **2000hr service**	Komatsu travel to site and carry out service. Sample all compartments. Top up hydraulic oil and washer bottle.
01.11.18 - **2302hrs**	Travel to site and turn cutting edge on bucket.
06.12.18 - **2541hrs** **500hr service**	Full wash and detail. 500hr service at workshop
06.02.19 - **2578hrs**	Wash and pre-hire inspection. Replace tilt bucket cylinder rods. Hard face lower side wear plates on tilt bucket. Fit new cutting edge to tilt bucket. Free up radiator screen access door.
05.04.19 - **2592hrs**	Cut out seized quick hitch pin. Clean up bores. Try fitting new pin but incorrect pin supplied.
02.05.19 - **2610hrs**	Fit new quick hitch pin, lube, and test. Repair crack in handrail. Straighten blade top ears. Check over for hire and complete paperwork.
02-26.07.19	ACES – Service call to site to fit new UHF, tested UHF. Travel to site at turkey beach, inspect air conditioning system fault, carry out test on system and source parts. Replace faulty condenser and drier.
19-26.07.19 - **2829hrs**	Aces fitted full energy isolation, jump start receptacle, Door alarms, mine radio and blue flashing light. Fitted mine call sign triangle, reflective tape, extended handrail, fitted second 4.5kg fire extinguisher, changed out 3 track pads, welded asset number on the attachments, respray rear counterweight, wrapped the exhaust tip and fitted hose burst protection.
28.07.19 - **2829hrs**	DMS fitted fire suppression system to machine

29.07.19 - **2829hrs**	Washed and detailed machine ready for transport to Moranbah.
29.07.19	CQ Diesel Moranbah – Check over, BMA compliance inspection, adjust belts
31.07.19 - **2830 hrs**	CQ Diesel Moranbah – load float, stamp asset number in to wheel
01.08.19	ACES – Service call to site to fit new UHF to digger. Tested UHF. Travel to site at Turkey Beach. Inspected air-conditioning system fault. Carry out tests on system and source parts. Replace faulty condenser and drier. Tested operation. Mount and wire up mine radio, positive isolation for start isolator, Anderson plug, wire up door alarm, reassemble so machine could go out on hire before finished. Finish off radio and door alarm. Removed seat and evaporator box from cab and clean out core. Reassemble and test air conditioning system. Fit beacon to triangle. Mount mine antenna on roof and test. Wire up fire panel and test operation. Inspect fault with engine light staying on, found incorrect dip switches were on charge and test.
29.07.19 - **2730hrs**	CQ Diesel – Prepare machine for site with BMA inspector. Fabricate bracket to mount.
31.07.19 - **2730hrs**	CQ Diesel – Fit side mirror.
16.08.19 - **2735hrs**	CQ Diesel – Investigate A/C not cold. Escort OHM onto site to machine.
17.08.19 - **2745hrs**	CQ Diesel – Investigate A/C faulty. Symptoms point towards a faulty thermistor.
20.08.19 - **2760hrs**	CQ Diesel Moranbah – Reseal leaking tilt bucket fitting. Check and adjust tracks
25.08.19 - **2791hrs**	CQ Diesel Moranbah – Replace ambient temperature thermistor and evaporator thermistor, clean evaporator box and ducting. Repair fresh air filter mounting
26.08.19 - **2795hrs**	CQ Diesel Moranbah – Check over machine for fire suppression discharge fault, bridges press switches to get machine on float
27.08.19	CQ Diesel Moranbah – Transported from site for fire suppression repairs, leak in signal line caused system to discharge
01.09.19 - **2817hrs**	CQ Diesel Moranbah – Adjust LHR access door
25.09.19 - 2933hrs **1000hr service**	CQ Diesel Moranbah – Carry out 1000-hour service
25.09.19 - **2932hrs**	CQ Diesel Moranbah – 1000-hour service and inspection
26.09.19 - **2933hrs**	CQ Diesel Moranbah – Check over machine, give machine good

	wash and assist with loading
06.10.19 - **3007hrs**	CQ Diesel Moranbah – Secure floor mat as per operator defect, measure up window frame for sunshade
07.10.19 - **3012hrs**	CQ Diesel Moranbah – Service fire extinguisher – replace tag as per defect
25.10.19	OHMs Auto Electrics – Air conditioning suspected under-gassed. Pressure test system, held pressure for 30 minutes, vac and gas was carried out
28.11.19 - **3268hrs**	CQ Diesel Moranbah – investigate reported fault code, find throttle bringing up code
29.11.19	CQ Diesel Moranbah – investigate turbo timer fault, loose wire
03.12.19 - **3301hrs**	CQ Diesel Moranbah – adjusted track tension
10.12.19 - **3335hrs** **500hr service**	CQ Diesel Moranbah – repair rear handrails, cut out gussets for handrail repairs. Carried out 500-hour service
11.12.19 - **3335hrs**	CQ Diesel Moranbah – paint handrails, running checks, wash from service and load
12.12.19 - **3342hrs**	CQ Diesel Moranbah – investigate reported throttle fault. Find u/s throttle.
14.12.19 - **3364hrs**	CQ Diesel Moranbah – remove blown tilt hoses x 2, take to town and get new hose made
15.12.19 **- 3364hrs**	CQ Diesel Moranbah – refit tilt hoses, run up, top up hydraulic oil
03.01.20 - **3389hrs**	CQ Diesel Moranbah – jump start machine
06.01.20 - **1370hrs**	CQ Diesel Moranbah – small engine oil weep at rear of engine, not using oil
14.01.20 - **3459hrs**	CQ Diesel Moranbah – investigate no throttle fault, found potentiometer not working
18.01.20 - **3466hrs**	CQ Diesel Moranbah – remove, replace and test new throttle controller
27.01.20 - **3505hrs**	CQ Diesel Moranbah – check start fault, inspect batteries, failed battery
28.01.20 - **3505hrs**	CQ Diesel Moranbah – remove and replace batteries
04.03.20	CQ Diesel Moranbah – broken hydraulic to hydraulic quick connect for bucket
21.03.20	CQ Diesel Moranbah – investigate oil leak, found loose fitting on

	tilt bucket, tighten up and test, okay
22.03.20 - **6763hrs**	CQ Diesel Moranbah – investigate blown hose, found bucket hose blown, remove, get new hose made, fit, test, okay
01.04.20 - **3805hrs**	CQ Diesel Moranbah – inspect reported damaged joystick, fit for use, new plastic handle required
17.04.20 - **3890hrs**	CQ Diesel Moranbah – inspect damage to left-hand joystick
22.04.20 - **3925hrs**	CQ Diesel Moranbah – inspect VHF fault, wires pulled from voltage reducer, repaired wiring, and relocated reducer
23.04.20 - **3932hrs**	CQ Diesel Moranbah – replace snapped left-hand joystick assembly
02.05.20 - **3963hrs**	CQ Diesel Moranbah – replace blue beacon with green beacon
26.05.20 - **4088hrs** **1000hr service**	CQ Diesel Moranbah – carry out 1000-hour service
06.06.20 - **4131hrs**	CQ Diesel Moranbah – replace 2 x blown bulbs, grease tilt bucket 2 x grease points not taking grease. Unblock grease points, adjust track tension
07.06.20 - **4131hrs**	CQ Diesel Moranbah – investigate intermittent tilt bucket joystick switch fault, attempt to fault switch, eventually faulted, clean switch and test, switch operational, found switch to be faulty
08.06.20 - **4131hrs**	CQ Diesel Moranbah – flip cutting edge
15.07.20 - **4263hrs**	CQ Diesel Moranbah – carry out off-hire inspection, wash tracks and implements, blow out cab and remove rubbish
05.08.20	CQ Diesel Moranbah – load and secure machine and attachments
11.08.20 - **4270hrs**	CQ Diesel – replace 3 x rubber track segments, re-shim quick hitch. Drill out and re-tap threads, fit corners
11.08.20	Full wash and detail. Check all oil levels – ok.
12.08.20 - **4270hrs**	CQ Diesel – re-shim tilt bucket, re-shim boom to stick. Drill out and re-tap thread on belly plate, refit plate, new bolts, connect bucket
08.09.20	CQ Diesel – replace belly plate bolt, change out engine oil filter O-rings, replace bucket tilt hoses, repair and paint handrails
18.09.20	Top up engine oil. Top up slew oil. Tighten a/c belt. Full wash and detail. Pre hire inspection completed.
10.11.20	CQ Diesel – remove and replace cab hoses for remote engine filter. Refit new hose. Run up and test for leaks. Refit covers. Top up engine oil.
10.11.20	Full wash and detail. Pre hire inspection completed.

06.01.21	Adjust alternator belt. Full wash and detail. Pre hire inspection completed.
09.01.21	DMS – 6 monthly fire suppression service
11.01.21 **500hr service**	Carry out off-hire inspection Carry out 500-hour service and inspection. Identify oil leak
12.01.21	Change swing box oil and flush as water contaminated. Clean / grind sharp edges from blade. Strip a/c unit and clean out rubbish from fan, recheck a/c operation – good air flow and 4 degree vent temp. sand and paint undercarriage.
13.01.21	Paint buckets. Remove mine radio for programming.
15.01.21 - **4437hrs**	ACES – removed old light mount and wire up green beacon. Test operation – okay
16.01.21	Remove and replace starter motor gasket. Remove and replace pilot control accumulator. Remove and replace 2 x rubber grousers.
17.01.21	CQ Diesel Moranbah – unload buckets, spare tyre and machine from transport
18.01.21	CQ Diesel Moranbah – install mine radio. Carry out pre-hire inspection
19.01.21	CQ Diesel Moranbah – install hoses at base of boom
25.01.21	CQ Diesel Moranbah – inspect for site, liaise with inspector regarding OPG specifications, begin to fabricate guard
26.01.21	CQ Diesel Moranbah – fit cage to window, measure and mark modifications needed
27.01.21	CQ Diesel Moranbah – fit window cage after modifications, float machine, fabricate cage to suit right-hand window, tap out holes, paint and fit cage
28.01.21	CQ Diesel Moranbah – load to float
14.02.21 - **4489hrs**	CQ Diesel Moranbah – investigate high coolant temperature. Radiator clean and fluid levels good. Run machine up to operating temperature. Find temperature drop from top to bottom of radiator okay and no overheating present. Send to work. Investigate voltage warning light and no start. Voltage good. Isolator switch good. Try start, engine starts. Test alternator charge rate, 28.1 volts. Find alternator belt slightly lose, tension belt.
17.02.21 - **4509hrs**	CQ Diesel Moranbah – inspect alternator

20.02.21	CQ Diesel Moranbah – hard start, inspect, require fuel filters
22.02.21 - **4543hrs**	CQ Diesel Moranbah – wash out radiator
27.02.21 - **4568hrs**	CQ Diesel Moranbah – inspect reported hot a/c – no fault found
02.03.21 - **4568hrs**	CQ Diesel Moranbah – inspect fire suppression fault, reset panel
04.03.21	CQ Diesel Moranbah – weld cutting edge to 600mm GP bucket.
08.03.21 - **4618hrs**	CQ Diesel Moranbah – inspect air conditioning
09.03.21 - **4629hrs**	CQ Diesel Moranbah – change out thermostat and fan belt
11.03.21 - **4640hrs**	CQ Diesel Moranbah – inspect air conditioning – high humidity in morning
12.03.21 - **4648hrs**	CQ Diesel Moranbah – investigate air conditioning. Find compressor clutch connector unplugged and damaged. Replace connector and test. a/c cycling correctly.
15.03.21 - **4667hrs**	CQ Diesel – Investigate hard start fault. Find leaking starter motor.
19.03.21 - **4686 hrs**	CQ Diesel – Mine radio not working, reconnect to voltage reducer.
24.03.21 - **4720hrs**	CQ Diesel Moranbah – fit new wiper blades
30.03.21 - **4749hrs**	CQ Diesel Moranbah – remove and re-seal starter motor
31.03.21 - **4749hrs**	CQ Diesel Moranbah – continue starter install and fit all guards. Run up and check for leaks. Find starter leaking from drain boots.
14.04.21 - **4789hrs**	CQ Diesel Moranbah – In seal tilt bucket for operator
21.04.21 - **4905hrs**	CQ Diesel Moranbah – fit hammer to machine (wait for adaptor)
22.04.21	CQ Diesel Moranbah – Remove hammer refit quick couplers
03.05.21	CQ Diesel Moranbah – inspect rip trace pad.
06.05.21	CQ Diesel Moranbah – Mine radio not working secure wires to voltage reducer.
21.05.21	CQ Diesel Moranbah - inspect reported damaged grousers fit for use.
31.05.21	CQ Diesel Moranbah – flip cutting edge c/o machine.
12.06.21 - **5023hrs** **1000hr service**	CQ Diesel Moranbah – Carry out 1000hr service.
07.06.21 - **4993hrs**	CQ Diesel Moranbah – replace UHF aerial.

20.06.21 - **5035hrs**	CQ Diesel Moranbah – Jump start machine.
24.06.21	CQ Diesel Moranbah – Ins track pads repair oil leak on tilt bucket loose fitting.
02.07.21 - **5097hrs**	CQ Diesel Moranbah – inspect reported aircon loss of flow find evaporator freezing up.
04.08.21 - **5280hrs**	CQ Diesel Moranbah – investigate tilt bucket creeping, find hammer/attachment diverter valve in wrong position.
16.08.21	CQ Diesel Moranbah – remove blown tilt bucket hose.
17.08.21	CQ Diesel Moranbah – get hose made and install hose.
13.09.21 - **5460hrs**	CQ Diesel Moranbah – start service.
14.09.21 - **5460hrs** **500hr service**	CQ Diesel Moranbah – carry out service.
28.10.21 - **5749hrs**	CQ Diesel Moranbah – inspect damaged grousers.
18.11.21	CQ Diesel Moranbah – relieve pressure in tilt bucket hoses to hook up bucket. Grease dry tilt bucket and purge out blocked grease galleries.
21.11.21 - **5882hrs**	CQ Diesel Moranbah – adjust tracks
22.11.21 - **5896hrs**	CQ Diesel Moranbah – tension LH track
05.12.21 - **5938hrs**	CQ Diesel Moranbah – adjust tracks.
13.01.22	ASG Diesel – demobilise, load on to float.
02.02.22	Chubb – carry out fire extinguisher service
04.02.22 **6000hr service**	ASG Diesel – carry out 6000-hour service
05.02.22	ASG Diesel – continue service. Grease machine.
22.04.22	Full wash and detail. Pre hire inspection completed.
02.06.22	Carry out pre-hire inspection
07.06.22	Full wash and detail. Carry out pre hire inspection.
15.07.22	Remove and replace hydraulic hose. Remove and replace orings in spools. Full wash and detail. Carry out pre hire inspection.
27.07.22	Full wash and detail. Pre hire inspection completed. Remove hose on tilt bucket. Tank to Pirtek and have new ones made. Remove

	front window. Replace glass. Fit compactor to machine. Fit fittings. Fit new front window.
28.09.22	Full wash and detail. Carry out pre hire inspection.
17.10.22	Wash and detail.
11.11.22	Travel to site and flip cutting edge, attempted to remove broken bolt on quick hitch bash plate – will require further repair when returned to workshop.
07.12.22	Full wash and detail. Carry out pre hire inspection.
20.03.23	Pre hire inspection completed. Detailed and washed.
20.04.23 - **6423hrs**	LMS – Inspect oil leak on LH side boom.
13.06.23	Top up hydraulic oil
27.06.23 - **6454hrs** **500hr service**	Carry out 500hr service. Hydraulic pilot control valve has a small weeping oil leak. Full set of engine and aircon belts required. Tightened belts but still squeaking.
04.08.23	DMS – Carry out 6 monthly fire suppression service
06.08.23 - **6598hrs**	Disassemble quick hitch from machine press old bearing and seals out. Fit new ones. Assemble and shim to spec.
07.08.23	Quick hitch bearing and bucket bushes.
08.08.23	LMS – investigate installation of pressuriser. Fit up monitor to cab. Fabricate bracket for monitor. Start fabricating mounting plate for pressuriser. Reseal pilot control manifold. Fit bucket to Quick hitch and shim.
09.08.23	Mecha – Tilt bucket bores refurbishment; repair tilt bucket centre bore and faces
15.08.23	Jacks Diesel Mechanical – Remove guards. Remove alternator belt. Remove alternator. Fit new alternator and belt. Test operation 27.3v running. Fit guards.
16.08.23 - **6660hrs**	Top up low hydraulic oil level. Top up low coolant level. Replace worn pins and bushes in h-link and tilt bucket. Rectify hydraulic oil leaks on pilot valve block. Remove and replace v-belts. Carry out BMA spec upgrade on machine. Wash, detail and grease machine. Carry out pre hire inspection.
18.08.23	Jacks Diesel Mechanical – Shim bucket hitch pins. Shim stick to boom pin.
01.09.23	ACES – Fit and wire up mine radio with reducer. Wire up cab pressuriser system. Change isolation lockout to flip over and

	relocate. Fit cat style jump starts and relocate. Repair wiring for isolator and tested. Inspected issue with fault lights on dash. Carried out tests and found fault with alternator. Found fault with wiring to slow lock switch. Repair and test. Refit all removed panels and test all functions.
04.10.23	ASG – Wash and clean. Clean down machine, off hire.
05.10.23	ASG – Washed machine, lost at grease build up, remove belly plates and slew covers.
06.10.23	ASG – Pre-Hire inspection done.
10.10.23 - **6693hrs**	ASG – Repaired broken bolts rotator coupling covers, fitted boom cover, cleaned cab. 6693hrs.
13.10.23	ASG – Washed machine and prepared track frame and bucket to be painted. Prepared and welded wear plate onto bucket.
14.10.23	ASG – Painted track frame and bucket. Prepared stick to be painted. Painted stick.
18.05.24 – **6750hrs**	Fire suppression fault – investigated – found to be low pressure. Charged system with nitrogen and checked for leaks – tested ok.
18.05.24 - **6774hrs**	Investigated hydraulic leak – found to be hose on tilt bucket. Replaced O-ring on hose and tested ok.
05.06.24 **6791hrs**	ASG Diesel Off Hire Inspection and defect repairs
12.06.24 **6791hrs**	DMS Fire suppression system 6 monthly service and inspection