



Plant History

Model: CAT D9T

Serial No: CAT00D9TATWG00581

Registration No: 66078C

Plant No: DZ612

Date/Hours	Description
11.05.20	Register Machine
11.05.20	CQ Diesel – modify isolator bracket
12.05.20 - 9231hrs	CQ Diesel – modify latch for isolator bracket assembly, test fitted, okay. Dropped belly guards, checked over machine.
13.05.20	CQ Diesel – modify bracket for isolator and prepare for painting. Remove fire suppression system, removed, and replaced right-hand door hinge bolts lower.
14.05.20	CQ Diesel – tighten up grease lines on rear, place belly guards on.
18.05.20	CQ Diesel – remove hood assembly due to broken bolts in radiator mount, place back together.
19.05.20	CQ Diesel – place remainder of hood assembly on, place isolator panel on, place fire extinguisher on, resecured right-hand side kick panel, replace missing bolts, spiral wrap rear hoses, made grease line bracket, replace front wiper blade.
20.05.20	CQ Diesel – place bulk grease line assembly on, filled up bulk grease, place front belly guards on, place floor back in, repaired wiring to seat, place access handle on, place fire extinguisher in cab, place call sign sticker on.
01.06.20	Pre hire inspection completed. Replaced broken rear windscreen wiper assembly.
22.06.20	Finish off handrail bracket, place 2 x hoses on transmission cooler, place call sign on lefthand side, drill holes, remove old stickers, measure up height sticker
24.06.20	CQ Diesel – remove and cup tilt and lift cylinder on rippers. Place rear belly up, place Wiggins fitting on rear, place missing ripper pin assembly in, extended full break / overflow line, extended flashing lights

26.06.20	Full wash and detail. Pre-Hire Inspection completed. Found L/H headlight to be not working – repair and test ok.
10.07.20	CQ Diesel – travel to site, remove and replace reverse alarm, tested okay, re-plugged grease controller system
20.08.20	CQ Diesel – replace cutting edge
25.08.20 - 10040hrs 1000hr service	CQ Diesel – carry out service
26.08.20	CQ Diesel – repair grease system
31.08.20	CQ Diesel – replace track bolt on right-hand side middle mirror on inspection found front guide loose. Broken bolt when tightened, remove bolts, repair track guide
04.09.20	CQ Diesel – found bolt was stripped out of housing for fast fill, replaced bolts
13.10.20	Remove call sign
14.10.20 - 10224hrs	Place call sign on machine, check operation
22.10.20	Repaired left-hand handrail, remove and replace ripper guard
27.10.20 - 10274hrs	Repair grease line to grease pod
03.11.20 - 10307hrs	CQ Diesel – remove and replace cutting edge, lube door striker / latches.
04.11.20	Repaired left-hand door lock assembly, remove 2 x bracket off ripper tilt cylinder, both sides resecured lines
09.11.20	Remove and replace 1 x ripper boot, deliver 5 x ripper boots and pins
18.11.20 - 10378hrs	Found coolant leak at transmission oil cooler. Removed and repaired hose. Topped up. Pressure tested okay. Test run
19.11.20	Topped up coolant, checked for leaks
25.11.20 - 10405hrs	Removed and replaced 1 x ripper boot
02.12.20 - 10427hrs	ACES – inspect fault with machine de-rating. Traced fault to e-stops and repaired wiring and tested. Found grease system broken. Disconnect so doesn't short out.
02.12.20	Remove grease pod assembly due to cover/tank broken, temporary plumb up grease system
04.12.20	Place grease pod back on, fill, checked - okay

02.01.21	A1 Engineering – repair ripper tine
20.01.21 - 10483hrs	B Inman – remove belly guards. Check oil leaks. Wash.
21.01.21 - 10483hrs	B Inman – replace O-rings on transmission filter housing. Wash oil leaks. Remove starter motor and unbolt sump. Change engine filters. Replace bolts in left-hand cylinder mirror bracket.
22.01.21 - 10483hrs	B Inman – remove sump and clean parts. Replace accessory plate seals.
25.01.21 - 10483hrs	B Inman – re-fit sump and re-seal bell housing. Fit starter motor.
27.01.21 - 10483hrs <u>500hr service</u>	B Inman – mount ECM and replace guards. Fill engine oil and test for leaks. Replace left-hand front idler. Carry out 500-hour service and inspection.
28.01.21 - 10483hrs	B Inman – continue service. Reseal starter motor mounting flange. Clean belly guards. Clean grease from joints.
29.01.21 - 10483hrs	B Inman – reseal and fit starter motor. Straight centre belly guard. Straight left-hand grab rail and bracket. Adjust play in right-hand push arm and ripper box. Fault find u/s rear work light and 2 x washer motors. Tidy wiring around transmission plug holes in cab. Replace missing bolts.
17.02.21 - 10484hrs	B Inman – replace fire wall rubber. Fit ripper and belly guards. Replace tilt cylinder hose O-ring
05.03.21 - 10485hrs	B Inman – replace ripper light assembly. Adjust and test grease system. Fit isolator door latch. Replace batteries and test. Repair grease system main line leak.
08.03.21 - 10485hrs	B Inman – replace washer motors and side access door latches
10.03.21	Full wash and detail. Pre hire inspection completed.
20.04.21 - 10638hrs	B Inman -Repair leak at top of PTO housing. Repair both side grab handle assembly. Adjust tracks, adjust grease system replace Wiggins fill fitting.
21.04.21 - 10639hrs	Full wash and detail. Pre hire inspection completed. Blow out air filters and manually grease bottom ripper frame pad
22.04.21 - 10639hrs	Fit belly and load onto truck.
29.04.21	Setup ripper, remove boot off ripper clean up welder clean up arm
07.07.21 - 11025hr	Repair coolant leak repair seat sensor plug, blow out radiator and intercooler.

08.07.21 - 11034hrs	ASG Diesel - Remove ECU to inspect oil leak, clean up oil leak grease machine investigate UHF playing up checked all antenna cables swap handheld with AT308 test ok.
11.07.21 <u>1000hr service</u>	ASG Diesel – carry out 1000hr service drop belly guards and clean out segment bolts remove and replace LHS auxiliary cover O-ring tidy up dispose of oil and filters.
12.07.21	ASG Diesel – remove and fit new cutting edges.
16.07.21	ASG Diesel – investigate UHF fault antenna rattled off fit new antenna.
28.07.21 - 11121hrs	ASG Diesel – repair LHS bonnet latch, cut plat for locking mesh.
31.08.21 - 11402hrs	ASG Diesel – fill auto greaser grease push arm cylinders adjust door
28.09.21 - 11593hrs	ASG Diesel – investigate oil leak.
29.09.21 - 11593hrs	ASG Diesel – fill auto greaser, top up hydraulic oil patch up crack in steel fitting.
01.10.21 - 11580hrs	ASG Diesel – remove steel hose and braze crack, fit and test - okay
03.10.21 - 11586hrs	ASG Diesel – remove and fit new UHF, remove and fit new steel pipe.
17.10.21 - 11636hrs <u>500hr service</u>	ASG Diesel – carry out 500-hour service and repairs. Drop belly guards and clean out dirt.
26.10.21	ASG Diesel – investigate no A/C
27.10.21	ASG Diesel – investigate A/C not working. Test and replace relay. Repair faulty wiring to A/C compressor.
09.11.21	Titan IND – find high side hose from compressor to condenser leaking, remove and remake hose, replace dyer and quick coupler fittings, vac and recharge system, test operation – okay.
10.11.21	ASG Diesel – measure equalizer bar play
11.11.21	ASG Diesel – grease machine
13.11.21	ASG Diesel – grease machine and top up auto grease
26.11.21	ASG Diesel – drill and tap mirror bracket on lift cylinders
15.12.21	Carry out return hire inspection.
17.12.21	CQ Diesel - remove and clean belly guards. Carry out full inspection.

23.12.21	CQ Diesel – converter housing removal
29.12.21	CQ Diesel – converter housing removal, hydraulic pumps and hoses.
29.12.21	Repair oil leak
30.12.21	CQ Diesel – converter housing re-seal, remove bell housing
31.12.21	CQ Diesel – converter housing, remove hydraulic hoses, drain coolant
17.01.22	Hastings – replace crankshaft rear seal
19.01.22	DMS Fire Services – install QTEC F3 Loss of Pressure fire suppression system
19/29.01.22	Heavy Duty Welding – modify and fit walkway, handrails, steps and mounting points. Lance and press out equaliser bar pin. Fabricate access handrails for push arms
25.01.22	CQ Diesel – attempt to pull centre pin from equaliser bar. Re-seal hydraulic fitting. Degrease and wash. Remove handrail, sand and prime. Prime platform.
27.01.22	CQ Diesel – prepare, wash, prime and paint fuel tank. Paint handrails and platform. Fit platform and handrails. Fit light and ladder.
28.01.22	Place bearing in equaliser bar and clean. Start assembly of equaliser bar, fit floor in cab and seat.
29.01.22	Fit equaliser bar to machine
29.01.22	CQ Diesel – wrap exhaust, fit reflective tape, fit hydraulic hose, change out tracks.
30.01.22	Place seal nut in LH lift ram, fit safety stickers
30.01.22	CQ Diesel –re-fit L/H blade lift cylinder, tension tracks and equaliser bar. Fit belly guards. Fill oils. Fit roof cover correctly.
31.01.22	tension up bolts on eq bar and trade link bolts. Paint trade frames and push arms. Fit grab rails drill holes and fit.
31.01.22 - 11789hrs	CQ Diesel – carry out pre-hire inspection. Repair light. Fill, grease and test. Lubricate equaliser bar.
01.02.22	ASG Diesel – set up GPS, fit call sign

03.02.22 - 11886hrs	ASG Diesel – remove floor. Inspect and repair hydraulic leak. Blown O-ring on pump to valve hose. Hosed out hole. Topped up oil. Run up and checked.
03.02.22	Ikon line boring – repairs to equalizer bar, remove sleeve from outer bore, 6 runs of weld to restock bore, line bore bearing and seal cavities, machine circlip grooves
05.02.22	ASG Diesel – investigate oil leak. Replace blown O-ring on pump, loose fitting. Investigate second oil leak, drop belly guards.
06.02.22	ASG Diesel – clean out oil, top up hydraulic tank, find leak, replace 2 x O-rings in torque converter hoses – loose fittings. Replace O-ring on front fan hose.
09.02.22	ASG Diesel – remove front steer fan piping. Weld crack in pipe. Refit, top up hydraulic oil, test – okay.
20.02.22	ASG Diesel – RHS tilt cylinder mirror and light bracket snapped all bolts. LHS mount napped one. Fabricate bracket for light.
28.02.22	ASG Diesel – blow out cabin and engine air filters
28.02.22	Sitech – supply and fit GPS Trimble to machine
07.03.22 - 12308hrs	ASG Diesel – remove broken E Stop, fit new stop. Hit shin guard and boot pins in correctly.
08.03.22	ASG Diesel – remove and replace final drive segment.
14.03.22	ASG Diesel – repair damages grease lines on rippers, grease ripper box.
15.03.22	Worn boost torque up final segments, replace missing bolts on access system.
28.03.22	ASG Diesel – inspect hydraulic lock out fault, check switches, harness, and ECM. Test harness multiple times remove and cut into harness for testing.
29.03.22	ASG Diesel – used ECM from dz613 for test purposes, found 2 broken wires in harness, repaired and put cab back together.
07.04.22	ASG Diesel – split left hand track, remove unserviceable rear idler. Drill broken cap bolt out.
17.04.22	ASG Diesel – replace left hand rear idler assembly/
28.04.22 500hr service	ASG Diesel – carry out 500hr service and inspection. Found metal in filters and screen so investigated further.
15.05.22	ASG Diesel – attempt to remove right hand side light bracket.

18.05.22	ASG Diesel – remove snapped right hand lift cylinder light bracket bolts.
19.05.22 - 12536hrs	ASG Diesel – remove call sign and aerials.
09.06.22	CQ Diesel – disassemble ripper, disconnect grease lines, chain up tilt cylinders, remove Tyne box, remove transmission.
10.06.22	CQ Diesel – carry out pressure test on brake packs, disconnect ripper arms, lower ripper box, drain final drive oils, remove axles.
13.06.22	CQ Diesel – remove floor in cab, remove transmission belly plate, split tracks, remove right hand final drive and brake/steer assembly, remove cab handrail for lifting jig clearance.
14.06.22	CQ Diesel – drain hydraulic tank into clean drum, remove hydraulic hoses to make room to remove drive shaft cover, remove cover, cap all hoses, blow dirt out around transmission pump, remove transmission plug, drain last of transmission oil, split left hand track, remove cab handrail, remove left hand final drive, disassemble both left and right brake assemblies, inspect for damage.
15.06.22	CQ Diesel – remove hoses, wiring and filters. Remove parts as necessary for removal of transmission.
16.06.22	CQ Diesel – remove transmission and bevel gear assembly, clean up transmission case housing. Disassemble transmission pump assembly, inspect for damage and wear, seal up machine from weather.
17.06.22	CQ Diesel – clean pump housing and finals, fit new piston seals for brakes, fit piston and brake housing to left hand final drive.
20.06.22	CQ Diesel – assemble right hand side brake housing and piston. Fit to final drive.
22.06.22	CQ Diesel – Rig transmission with Franna crane, fit new mount oring, install transmission, fit all mount bolts, fit differential steer pump and hoses on front of transmission.
23.06.22	CQ Diesel – assemble brake packs, fit both side final drives and fit up tracks, torque all bolts.
24.06.22	CQ Diesel – clean and assemble transmission pump with all new o rings, lift in and fit pump to transmission, fit pipes and hoses that were removed for access to pump.
27.06.22	CQ Diesel – install transmission guard, acles, bottom ripper plate, ripper light, grease block, run grease lines repairs to seat suspension.

28.06.22	CQ Diesel – re fit machine handrails, ripper box, cab internals etc, replace emergency stops x2.
28.06.22	DMS Fire – Carry out fire suppression service.
06.07.22	CQ Diesel Fitting – Repair failed brake packs. Fix operator seat.
06.07.22	Go through defects list.
07.07.22	Remove belly plates from machine for inspection. Weld up left-hand cab light bracket, paint and re fit. Remove floor and inspect hoses and check leaks. Remove lift cylinder hoses for replacement.
13.07.22	Reseal L/H lift cylinder. Drop belly plates. Inspect oil leaks. Replace leaking hydraulic hoses. Remove and replace chrome rod on L/H blade ram.
15.07.22	Fabricate bolt locking plate, bolt on belly plates. Full wash and detail. Carry out pre hire inspection.
17.07.22	ASG Diesel - attach triangle to top of cab, triangle frame not lining up need to adjust and fit. Cheque out of the machine
18.07.22	ASG Diesel - investigate start fault E stop pushed in.
01.08.22	Investigate GPS fault.
13.08.22	Investigate auto greaser not pumping grease.
20.08.22	ASG Diesel - inspect and repair faulty wiring for auto Lube
05.09.22	ASG Diesel - remove GPS radio and screen remove GPS pole
07.09.22	Hastings – engine oil pre-lube system not operational. Found pre-lube installation status configured to not installed. Inspected the transmission control configuration and identified the pre-lube installation status was configured to not installed. Changed the configuration to installed requiring a factory password. Tested the engine pre-lube system for correct operation.
29.09.22	ASG Diesel – remove and clean belly guards out, refit. Begin cleaning and chip mud from track frame and blade, start wash.
04.10.22	ASG Diesel – remove ripper box and adjust tracks.
07.10.22	ASG Diesel – fit 3 shank ripper boxes, fit new LED lights. Installed all ripper box grease lines and fitted new rippers. Re pin and bush left hand push arm, replace ripper box main bushes, fit multi shank ripper box, replace unserviceable work lights.

29.01.23 - 13250hrs	ASG Diesel – Investigate UHF fault. Clean whip. Inspect auto greaser. Replace damaged fittings. Manually grease all points. Attempt to adjust LH track.
31.01.23 - 13265hrs	ASG Diesel – Fit track cannon grease nipple and adjust track. Fit 2-way mic holder. Investigate auto greaser fault.
17.02.23	Dyce Energy – removed blown AC hose and fit new. Vacuumed down system and re-gassed, used 2.2Kg of R134A. Pulled grease pump unit apart and found agitator broken and jammed. Tested old motor with 18V battery and worked in both directions, reassembled and tested but wouldn't pump. Power supply to pump required to be inspected. Machine received manual grease.
08.03.23 - 13517hrs	ASG Diesel – Inspect machine and levels. Service due.
21.03.23 - 13600hrs	ASG Diesel – Change out machine. Repair and lube line on rippers and door latches.
22.03.23 - 13603hrs	ASG Diesel – Repair auto greaser base.
24.03.23 – 1362hrs 500hr service	ASG Diesel – Carry out 500hr service. Repair beacon. Free canopy latches.
29.03.23	ASG Diesel – Change out cutting edges. Drop and clean belly guards. Repair hydraulic and transmission oil leaks. Refit guards. Remove and fit new cutting edges and tips.
05.04.23	ASG Diesel – Loaded rollers and idlers. Travel to site. Split tracks. Replace both top carry roller. Replace L/H front idlers. Replace rear R/H idler. Join tracks and adjust. Drop belly plate (front). Excavate dirt. Find and remove leaky hose for cooling. Remove coolant hose and take back to yard.
06.04.23	ASG Diesel - Organise new coolant hose to be made. Travel to site and fit new hose. Fill cooling system. Run up and check for leaks. Re fit belly guards. Run up machine and readjust tracks. Assist Chub to charge fire suppression and repair leaks.
09.04.23 - 13732hrs	ASG Diesel – Retorque idler and track bolt.
14.04.23 - 13771hrs	ASG Diesel – Remove and replace unserviceable hydraulic hose in hell hole. Repair unserviceable O-ring on hose at T/C housing.
23.04.23	ASG Diesel – Remove damaged grease lines.
24.04.23 - 13848hrs	ASG Diesel – Get grease lines made. Fit 2 x grease lines.
05.05.23	ASG Diesel – Inspect speed sensor fault for steering motor. Electric harness rubbed internally.
12.05.23	ASG Diesel – Remove u/s pump to valve back hose.

03.05.23 - 13921hrs	ASG Diesel – Investigate steering motor speed sensor fault. Found faulty sensor.
04.05.23	ASG Diesel - Steering fault still active. Carry out diagnosis to fault find.
06.05.23	ASG Diesel – remove and fit new dip stick tube.
16.05.23 <u>2000hr service</u>	Dyce Energy – carry out service. Run new wires from fire wall, plug to sensor. Radiator is over 50% blocked.
17.05.23	ASG Diesel – check door seal fault. Adjust strikers.
22.05.23 - 14055hrs	ASG Diesel – Operator ran over fuel cap. Travel to Moranbah and collect new one. Fit new fuel cap.
02.06.23 - 14159hrs	ASG Diesel - repair hydraulic leak, case drain hose loose and O-ring unserviceable
03.06.23 - 14162hrs	ASG Diesel – investigate overheating, blow out coolers and air filters
04.06.23 - 14165hrs	ASG Diesel – continue to investigate overheating
05.06.23 - 14165hrs	ASG Diesel – clean out track frame. Drop belly guards, carry out fan pump diagnoses, no pump pressure (at 290PSI – spec is 2300PSI). wound compensator up, still no pressure.
06.06.23 - 14165hrs	ASG Diesel – replace air filters, fit new hydraulic filter.
08.06.23 - 14165hrs	ASG Diesel – begin to remove pump
09.06.23 - 14165hrs	ASG Diesel – remove pump, clean mounting surface, dig out and clean belly guards.
10.06.23 - 14165hrs	ASG Diesel – fit pump, fit all hoses and secure harness. Fill hydraulic tank, start up and run. Test – okay.
12.06.23	ASG Diesel – investigate oil leak. Test part on ripper valve bank O-ring damaged.
15.06.23 - 14215hrs	ASG Diesel – fit new ripper boots.
16.06.23 - 14215hrs	ASG Diesel –remove track tension, chock up track, remove roller and replace with new. Adjust track to spec.
04.08.23	DMS – Carry out 6 monthly fire suppression service
04.09.23 - 14436hrs <u>500hr Service</u>	Carry out 500hr service. Replace broken seat belt. Replace pre lube pump. Bonnet e-stop not working. Excessive movement pin/bushes ripper frame. Blade lift cylinder mounts and yokes movement. Small oil leak left hand side front timing cover. Pre hire inspection complete.

05.09.23	Aces – fit 2 beacons to call sign triangle.
14.10.23 - 14638hrs	Carry out return hire inspection
23.11.23 - 14640hrs	Blade and under carriage repairs, track and undercarriage rebuild on right hand side.
25.11.23	Right hand side track frame removed and inspected, disassemble.
01.12.23	Heavy Duty Welding – gouge and repair cracks in track frame.
12.12.23	Heavy Duty Welding – cut off worn trunnion cap. Fit and weld on two new cap bearings. Gouge off old ball ring. Heat up and fit new ball ring. Repair L/H rear outer MINOR BOGGIE. Pin and saddle. Fitter new rear L/H inner idler cap. Removes and fitted new and cannon seal. Fitted L/H rear rollers to new saddle.
15.12.23	Mecha – Line bore 2 bored
16.12.23	Heavy Duty Welding – repair isolator bracket on ripper frame.
19.12.23	Jacks Diesel – Inspect pivot shaft seal leak. Remove pivot shaft seal housings and attempt clen up of seal surface. Assemble components, fill with oil and test.
21.12.23	Jacks Diesel – Remove trunnion balls and pivot shaft retainer plate. Jack up machine and place on stands. Remove track assemblies. Remove EQ bar pins. Remove track frame assemblies. Inspect surfaces and pack up all tooling and cover pivot shaft and track frames. Carry our parts lists. Cover components from weather.
08.01.24 - 14638hrs	Replace left-hand and right-hand door seals. Mine radio needs hand piece clip. Roof lining replaced, replace AM/FM radio. Investigate new fault codes. Replace worn wiper blades. Fill washer bottle and test all washer nozzles. Replace leaking top radiator hose. Fit catwalk over diesel cap. Test operation of grease system, remove and replace tracks. Remove track frames and overhaul bogies and track rollers. Remove blade and overhaul all worn joints. Wash detail and grease machine. Carry out and complete pre hire inspection.
08.01.24	Heavy Duty Welding – Grind out cracks and reweld on push arm. Weld on chock block in front of push arm pin.
25.06.24 14893hrs	BMA compliance works and fire suppression service
15.07.24 14912hrs 1000hr Service	1000hr service and inspection
15.07.24 14912hrs	Replace AC blower fan

22.08.24 15055hrs	Return Hire inspection and defect repairs, replace front main seal, replace weeping oring on side of TC housing, removed all belly guards and wash out. Replace broken bolts in blade cross bar hose protector guard, Clean and detail cab



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Serial No.: CAT00D9TATAWG00581

Make: CATERPILLAR

Registration: 66078C

Model: D9T

Registration Expiry: 30/04/2026

Date	Job Number	Eng. Hours	Job Description
29/04/2024	395	14657.00	MACHINE IS SHUTTING DOWN DURING OPERATION
			Comment: REMOVED AND REPLACED FAULTY E-STOP
18/06/2024	847	14893.00	CARRY OUT OFF HIRE REPAIRS
			Comment: INSTALL EDNEW RIPPER SHIN GUARDS REPAIRED CRACKED RIPPER FRAME REPAIRED BROKEN RIPPER GREASE LINES REPLACED RHS TRACK FRAME HAND RAIL REPAIRED LHS TRACK FRAME HAND RAIL AND WALKWAY REMOVED AND RESEALED LHS BLADE LIFT CYLINDER RE-ALIGNED RHS ENGINE BAY DOOR AS RUBBING ON INTAKE PIPE RE-WRAPPED EJECTOR LAGGING REPLACED SEAT COVER REPAIRED SEAL AROUND MIRROR REPAIRED LHS BONNET ESTOP INSTALLED NEW IN DATE FIRE EXTINGUISHERS INSTALLED NEW BOLTS IN RHS BLADE LIFT CYLINDER REPLACED FIRST AID KIT COMPLETED OFF HIRE INSPECTION. REMOVE BELLY PLATES AND CLEAN THOROUGHLY REMOVED AND REPLACE BEARINGS IN BELT IDLERS, REPLACE TENSIONER AND BELT. REPLACED MISSING BARS ON RADIATOR GRILL WASHED, DETAILED AND GREASED MACHINE COMPLETED ON HIRE INSPECTION
19/06/2024	880	14893.00	REPAIR CUSTOMER DAMAGED HANDRAIL PLATFORM & WORN RIPPER GET



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			Comment: REPLACED WORN RIPPER BOOTS AND SHIN GUARDS REMOVE DAMAGED HANDRAIL, REPAIR BENT SECTIONS OF HANDRAIL, PREPARE SURFACES AND REPAINT HANDRAILS CUT OUT DAMAGED SECTIONS OF WALKWAY, CUT OUT NEW SECTIONS AND WELD INTO WALKWAY, PREPARE SURFACES AND PAINT. REINSTATE HANDRAIL ONTO WALKWAY.
29/06/2024	940	14893.00	Scheduled Service Job. COMPLIANCE FIRST AID KIT
			Comment: REPLACED FIRST AID KIT
25/06/2024	941	14893.00	Scheduled Service Job. COMPLIANCE FIRESUPPRESSION 12M AND FIRE EXTINGUISHER
			Comment: DMS FIRE TECHNICIAN COMPLETED 12 MONTHLY FIRE SUPPRESSION AND FIRE EXTINGUISHER SERVICES
29/06/2024	969	14912.00	1000hr Service @ 15000hrs
			Comment: 15.07.24 14912hrs - ASG completed 1000hr service.
29/06/2024	978	14893.00	Scheduled Service Job. COMPLIANCE BMA INSPECTION AND BRAKE TEST
			Comment: CQ COMPLIANCING COMPLETED 12 MONTHLY BMA COMPLIANCE AND BRAKE INSPECTIONS AND REPORTS
29/06/2024	985	14893.00	No Start Fault
			Comment: REPLACED FAULTY BATTERY TERMINALS AND REPAIRED BROKEN WIRING. STARTED/TESTED MACHINE - ALL OK.
29/06/2024	986	14893.00	BMA Compliance Task
			Comment: COMPLETED BMA COMPLIANCE REPAIRS. INSTALLED HI-VIS STICKERS AND EXHAUST WRAPPING.
10/07/2024	1064	14902.00	Repair Oil Leak
			Comment: 10.07.24 14902hrs - Investigated oil leak at Torque Converter Housing - Repaired leak and refilled (40L of 50W).
11/07/2024	1070	14912.00	AC Blower not working
			Comment: 11.07.24 14907hrs - Blower fan not working - Found to be faulty plugs at low pressure. 15.07.24 14912hrs - Disassembled aircon box on LHS of dozer. Removed blower motor and installed new one. Ran machine and tested ok.
08/08/2024	2513	14979.00	Investigate Alternator Not Charging
			Comment: 29.07.24 14979hrs - Investigated alternator not charging - Repaired signal wire and tested ok.
22/08/2024	2614	15055.00	Front Mail Seal Oil Leak



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			Comment: 22.08.24 15055hrs - Washed machine and moved into workshop. Removed dampener and removed seal. 23.08.24 - Cleaned up surfaces and installed new main seal. Installed dampener and torqued bolts to spec. Replaced oring on t/c cooler hose. Installed belly guards, washed machine and loaded onto float.
23/08/2024	2638	15055.00	Off Hire Inspection, Defects, Wash and Detail
			Comment: 21.08.24 15055hrs - Completed return hire inspection. Topped up engine oil, fit new chain to oil filler cap. Reattached LH mirror - Missing 2x bolts. Removed 3x broken bolts from RH blade hose guard. Completed repairs to Trimble after returning from hire.
26/08/2024	2652	15062.00	NO AC, Failed Compressor clutch
			Comment: 25.08.24 15068hrs - Inspected a/c fault - Clutch on compressor not engaging/disengaging. Inspected all fuses and relays. Found split in wires - Repaired. Still not operating. Diagnosed failed compressor clutch. 27.08.24 - Removed and replaced failed a/c compressor and drier. Flushed system lines and charged system with nitrogen to check for leaks. Vacced down system and re-gassed. Tested ok.
16/09/2024	2958	15150.00	Hydraulic Issue - Unable to Lift Blade
			Comment: 13.09.24 - Travelled to Saraji and completed required JSA's. Investigated no blade lift function. Tested all other hydraulic functions - All testing ok - Found blade tilt function to be weak. 14.09.24 - Researched SIS for potential fault causes - Travelled to Saraji and further investigated. Pressure tested hydraulic circuits - All testing ok. Detached blade lift cylinders from blade - Hydraulic circuit is pushing blade lift cylinders straight to the ground. Suspected potential issue with blade drop valve. Blade drop valve located on top of dozer nose cone - Unable to access this on BMA site due to working at heights etc. Machine will need to be brought back to yard for further investigation. 20.09.24 15150hrs - Travelled to Dysart yard, removed and inspected drop valve spool - Seems to be ok. Reinstalled spool and valve block back into machine. Blanked off RHS and tested LH life cylinder - Working fine. Attached RH Lift cylinder hoses and tested both cylinders - RH rod fell out of barrel. Removed flange nut and removed piston - Found bolt laying on top of piston. Thread, barrel and rod all in good condition. Loctite bolt and installed piston onto rod. Installed rod back into barrel and tightened flange nut. Filled hydraulic oil and tested operation of cylinders - All working now. Cleaned up machine/area and headed back to Moranbah. 13.09.24 15150hrs - Travelled to Saraji to investigate hydraulic fault.



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			Completed JSA to test electrical/Complete JSA for hydraulic testing. Inspected solenoids - Swap with rippers - Tested ok. Blade has constant down pressure - Unable to continue testing due to time constraints. 19.09.24 15150hrs - Loaded DZ612 onto float and follow back to Moranbah Yard. Began removal of blade drop valve. Travelled back to Moranbah. 21.09.24 15150hrs - Completed JSA to reinstall blade. Fit blade to machine, fit call sign. Topped up hydraulic oil. Put machine to work and inspected after some running. Everything seems ok.
19/09/2024	3015	15271.00	Damaged Handrail
			Comment: 27.09.24 - Attended to handrail on LHS bent. Bent handrail back into place. Handrail slightly cracked but ok to run. 07.10.24 15249hrs - Prepped, measured and welded up handrail. Painted handrail and cleaned bolts ready to install. 08.10.24 15271hrs - Loaded up handrail travelled to Saraji and fit handrail.
17/10/2024	3390	15316.00	Replace UHF Handpiece Holder
			Comment: REPLACED UHF HANDPIECE HOLDER.
27/10/2024	3483	15316.00	Loss of AC fan Function
			Comment: REGASSED A/C SYSTEM AND TESTED OPERATION - ALL OK.
28/10/2024	3500	15521.00	500HR Service @ 15500hrs
			Comment: 13.11.24 15521hrs - ASG completed 500hr service and inspection.
08/11/2024	3619	15550.00	UHF hand piece not transmitting
			Comment: 10.11.24 15550hrs - Travelled to Saraji north lookout and replaced UHF handpiece.
23/11/2024	3872	15547.00	Pivot Shaft Oil Leak
			Comment: 28.11.24 15591hrs - Greased ripper box and filled pivot shaft oil. 25.11.24 15547hrs -Topped up pivot shaft oil and manually greased.
26/11/2024	3916	15591.00	Auto Greaser Fault
			Comment: 17.11.24 15535hrs - Investigated auto grease fault - Removed all hoses to check for blockages - Unable to find any. Manually greased machine for time being - Requires further investigation. 28.11.24 15591hrs - Cleaned out blockages on pump elements. Reinstalled and primed system and checked for delivery pressure. Manually greased system. Repaired 2x lines. Connected system and monitor.



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12/12/2024	4138	15692.00	Replace Isolator Box Rubber
			Comment: REPLACED ISOLATOR DOOR HINGE AND LATCH. REPAIRED RHS STEPS TO REAR OF CAB WALKWAY. TOPPED UP PIVOT SHAFT OIL.
13/12/2024	4175	15435.00	Replace Missing Bolts Inside Cab/investigate work light fault
			Comment: 01.11.24 15435hrs - Installed new bolts into RH panel inside cab. Inspected work light fault as reported by operator - Unable to find fault.
16/12/2024	4187	15610.00	Exhaust Rusted and Broken from Turbo to Muffler
			Comment: 06.01.25 - Fit manifold, turbo and thermostat housing. Plumbed everything up. Filled cooling system and run up machine. Checked for leaks - Stalled engine and spool turbo to test. All ok.
20/12/2024	4276	15610.00	Scheduled Service Job. COMPLIANCE FIRE SUPPRESSION6M AND FIRE EXTINGUISHE
			Comment: ARA FIRE TECHNICIAN COMPLETED 6 MONTHLY FIRE SUPPRESSION AND FIRE EXTINGUISHER SERVICES.
03/02/2025	4629	15866.00	FEBRUARY ON SITE REPAIRS AT SARAJI MINE
			Comment: 14.01.25 Fit GPS to machine - clean up mounts and tap threads. Clean all connectors - plug in and test unit for power. Test ok. 09.01.25 Fill pivot shaft oil and measure up cab for Trimble screen mounting. 26.01.25 - investigate "Injection Failure" Fault - Wait for site to install bunding around machine before allowed to work on it - investigate fault - found to be just an estop had been half pressed in. INSPECTED A/C NOT WORKING, REMOVED AND REPLACED BLOWN 15AMP FUSE, ADDED 0.7KG OF A/C GAS TO SYSTEM ONCE WORKING AND CYCLING, CHECKED FOR LEAKS - ALL OK.
14/02/2025	4781	16010.00	2000HR Service @ 16000HRS
			Comment: COMPLETED 2000HR SERVICE.
25/02/2025	4839	15866.00	REPLACE CUTTING EDGES ON BLADE
			Comment: COLLECT CUTTING EDGES FOR DZ612 FROM SUPPLIER AND LOAD INTO VEHICLE. TRAVEL FROM MORANBAH TO DYSART YARD AND REMOVE CUTTING EDGES AND CORNER TIPS. CLEAN UP ALL MATING SURFACES AND INSTALL NEW CUTTING EDGES AND CORNER TIPS WITH NEW BOLTS. TENSION ALL BOLTS. PACK UP OLD CUTTING EDGES AND LOAD ONTO VEHICLE. TRAVEL BACK TO MORANBAH AND UNLOAD OLD CUTTING EDGES.
28/02/2025	4894	15945.00	MARCH ON SITE REPAIRS AT SARAJI MINE



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			Comment: TY - 01/03/25 REFIT ROOF CALL SIGN AND REPLACE DAMAGED PLUG. TY - 05/03/25 DIAGNOSE FAULTY A/C, LOW PRESSURES. DAYNE - 15/03/25 PICK UP MISSING A/C HOSE FROM HASTINGS, HAD TO WAIT 2HRS, TRAVEL TO DYSART, CONTINUE REMOVING HOSE. DAYNE - 16/03/25 A/C REPAIR, SOURCE MISSING OGR SEALS. GOT SOME OUT OF BMA STORE. TRAVEL TO DYSART, CHANGE HOSES AND DRYER WITH HARRY FROM DYCE. TEST SYSTEM, FOUND CONDENSER FAN NOT WORKING, TRAVEL BACK TO MORANBAH. DYCE - HUGH - 07/03/25 TRAVEL TO DYSART, REPLACE A/C COMPRESSOR, ADVISE ALL HOSES TO BE REPLACED. TRAVEL BACK TO MORANBAH. DYCE - KYREN - 14/03/25 TS10140 - TRAVEL TO DYSART AG YARD. REPLACE 4 OUT OF 5 AIRCON HOSES AND PRESSURE TEST SYSTEM. DYCE - MYLES - 14/03/25 TRAVEL TO UNIT AND REMOVE ALL AIRCON HOSES AND P-CLAMPS. FIT NEW HOSES AND REFIT P-CLAMPS. PRESSURISED SYSTEM AND FOUND TO HOLD. DROPPED GAS OUT AND LEFT PANEL OFF FOR THEM TO FIT LAST ONE. DAYNE - 17/03/25 A/C REPAIRS, REMOVE CONDENSER FANS, REPLACE FAULTY TX WITH SECOND HAND FAN FROM DZ613. TEST RUN - ALL OK. RUN MACHINE FOR 1HR. TY - 18/03/25 TRAVEL FROM MORANBAH TO DYSART YARD. DIAGNOSE FAULTY EVAPORATOR CORE. RETURN TO MORANBAH. TY - 19/03/25 TRAVEL FROM MORANBAH TO DYSART. REPLACE EVAPORATOR CORE, NITROGEN PRESSURE TEST SYSTEM, EVACUATE SYSTEM AND REFILL WITH GAS. RETURN TO MORANBAH. TY - 20/03/25 TRAVEL FROM MORANBAH TO DYSART. ASSEMBLE EVAPORATOR BOX COVER AND REINSTALL CAB PRESSURISER. FINAL AIRCON CHECK - ALL GOOD. CHECK RL915 AIRCOM FUNCTION. NIC - 26/03/25 TRAVEL TO SARAJI, WAIT FOR ESCORT, TOP UP PIVOT SHAFT OIL, WAIT FOR ESCORT OUT. TRAVEL TO MORANBAH.
05/03/2025	4929	15945.00	Scheduled Service Job. COMPLIANCEBRAKE 6MONTHLY
			Comment: CENTRAL QLD COMPLIANCING COMPLETED BMA 6



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			MONTHLY BRAKE TEST.
28/03/2025	5139	15963.00	APRIL ON SITE REPAIRS AT SARAJI MINE
			Comment: TY - 28/04/25 REPLACE RIPPER ARM PIN AND BOTH GREASE FITTINGS. STEVE - 28/04/25 REPAIR BROKEN GREASE LINES RHS RIPPER BOX. REPLACE ESTOP AND WIRING DUE WATER INGRESS AND WIRE CORROSION. TOPPED UP PIVOT SHAFT SEVERAL TIMES THROUGHOUT THE MONTH WITH OIL/GREASE MIXTURE
30/04/2025	5397	16130.00	MAY ON SITE REPAIRS AT SARAJI MINE
			Comment: 17.5.25 ASG DIESEL - COREY BELLA WAIT FOR DOZER TO ARRIVE IN SERVICE BAY. DROP BELLY GUARDS TO CHANGE COOLANT HOSES. CLEAN OUT ALL THE MUD AROUND THE MOTOR AND CHANGE HOSES. CHECK OVER GPS SYSTEM. 14.5.25 - ASG DIESEL - TY OWEN REPLACE RIPPER TEETH. DIAGNOSE AND REPAIR 2 X FAULTY E-STOPS AND WIRING. 25.5.25 - ASG DIESEL - STEVE SPENCE REPLACE CAB PRESSURISER FILTER. COREY - 02/04/25 TRAVEL FROM MORANBAH TO SARAJI. INSPECT AND REPAIR LIFT CYLINDER RAM. WAIT FOR SERVICE TRUCK TO FILL OIL. AARON - 17/05/25 CLEAN BELLY GUARDS OUT, WERE EXTREMELY FULL, CHANGE COOLANT HOSES, CHECK OVER GPS. TRAVEL TO MORANBAH. STEVE - 28/05/25 REMOVE ROOF NUMBER FOR TRANSPORT. RETURN TO MORANBAH. 1.6.25 - STANTECH - AARON STANLEY REMOVE CORNER TIPS FROM BLADE
07/05/2025	5508	16130.00	Replace Ripper Boots
			Comment: DZ612 - RIPPER BOOTS WORN OUT AND REQUIRE REPLACEMENT ORDER NEW RIPPER BOOTS, PINS AND LOCKS. COLLECTED FROM SUPPLIER AND TRAVELLED MORANBAH TO SARAJI MINE. REMOVED AND REPLACED WORN RIPPER BOOTS, PINS AND LOCKS. PACKED UP TOOLS AND WORN BOOTS AND TRAVELLED FROM SARAJI BACK TO MORANBAH WORKSHOP.
11/05/2025	5547	16206.00	Fire System Service Chubb COMPLIANCE FIRE SUPPRESSION6M AND FIRLOW PRESSURE FAULT REPAIRS
			Comment: CHUBB ATTENDED SITE FOR THE LOW-PRESSURE FAULT



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30/05/2025	5885	16326.00	JUNE ON SITE REPAIRS AT SARAJI MINE
			Comment: JUNE WORKS INCLUDED NO START FAULT, ECM COMMS FAULT. REPLACED HARNESS, ECM AND COMPLETED ENGINE CALIBRATION
30/06/2025	6368	16326.00	JULY ON SITE REPAIRS AT SARAJI MINE
04/08/2025	6743	16326.00	Install New Starter Motor (stolen to keep DZ613 going) - LABOUR ON JOB # 6800
06/08/2025	6800	16329.00	AUGUST ON SITE REPAIRS AT SARAJI MINE
			Comment: AUGUST JOBS INCLUDED - REMOVED & REPLACED STARTED MOTOR
30/09/2025	7928	16329.00	OCTOBER
28/10/2025	8347	16330.90	DEFECTS, REPAIRS FROM OFF HIRE INSPECTION (DECOMMISSION)
			Comment: COMPLETED OFF HIRE INSPECTION ENGINE FAULTS - ENGINE TIMING CALIBRATION REQUIRED 261-13 - 1551-13-ENGINE DEMAND FAN SYSTEM CALIBRATION REQUIRED RHS ARM REST REPLACED MISSING BOLT UHF BRACKET SECURED ONLY FRONT WINDSCREEN WASHER WORKING REMOVED FIRST AID KIT SEGMENTS WORN - REPLACED FLUID LEVELS RECHECKED ON LEVEL GROUND PLAY IN BLADE LINKAGES TRACK WEAR - REPLACED TRACKS & SEGMENTS DECOMISSION FOR SALE - REMOVE TRIANGLE & CALL SIGNS - MINE RADIO & INSTALL KIT TO BE REMOVED REMOVE BELLY GUARDS & GIVE A GOOD WASH OUT WASH, DETAIL & GREASE MACHINE