

Work Order	Description	Date
69708	Carry Out 12 monthly Fire Suppression System Service	01/20/2021
70031	CommissioningPerformed a commission works - repaired tank ladder and flashing light - Removed and replaced both seat belts - Installed cabin fire ext mount and horn - filled washer bottle and repaired hose 17/3/21Commission - Performed brake test - inspected ladder wont go up and installed turbo lagging 17/3/21Fit ball valve, Truck air tank for manual fill - Emergency ladder replaced bottom step for safety - Weld texture to emergency step for safety - Cleaned out cabin floor and fit floor matt new - Checked and adjusted operation of both fold up ladders top and bottom 19/3/21Comm work - Removed and replaced fuses of breakers in passenger seat area (6 pieces)- Installed a new ladder unit switch, Removed and replaced indicator light on dash, refit back cabin cover - installed 4 x battery terminal rubber insulators - 20/3/21Commission repairs - Repaired wiring on top of tank, Repaired some hoses for refilling indicator switch (top of tank)- Fabricated and removed and replaced 2 hoses connected to top tank air tank and before the compressor - Removed and resealed air fittings at tank controller and gauges, ordered some hose 4mm tube - topped up trans oil 21/3/21Repaired all air leaks on tank roof ok, Uncovered all tanks overfill switch, checked and cleaned and test ok, Replaced orings on pneumatic connections in control switches at the back of the truck	02/08/2021
70437	commissioningFire supp wired to ignition, repaired checked over wiring where fuse box has been moved 11/3/21Elec repairs for commission - Connected fuse holders to broken circuit breakers and order replacement, replaced bin light switch and wire in correctly - Connected tail and indicator lights correctly- Collected parts to cont repairs 12/3/21Fit UHF, Antenna and speaker, fit fuse to reducer - replaced flasher can 15/3/21Cont elec repairs - Replaced missing high beam relay and fit reverse camera 16/3/21Repaired and tidy up beacon wiring at both beacons and correctly between 2 hand rails 17/3/21Connected ladder light relay correctly and wire to park brake and fit 2 pilot lights to work light switch - checked all lights again 26/3/21Ignition wont turn on, inj cut switch, Checked over wiring and start test ignition circuit and find rear E- stop had been pressed 28/3/21Emergency steering pump turns on after shutdown, Checked codes and record and find voltage dropping below threshold when cranking and all solenoids/ relays bad, Charge batteries and jump start and checked charge rate and diagnose alternator too small and ran extra positive cable from alternator to circuit breaker to accommodate bigger alternator 29/3/21Replaced alternator and replaced AC alt belt and try to work pumps but cant figure out and removed 12 v relay from in pump, control box and fit correct 24v relay and bolted covers back on 31/3/21Inspection - all elec ok	03/10/2021
72205	Heavy Equipment Specialists Repairs - Clean up and organize to lift engine in 8/2/22- Fit engine	02/07/2022

72395	service prior to sending to operationTake oil samples - collected filter list for service and blow out air filters and cab 8/3/21Carry out mech checks	04/06/2021
72400	grease systemRemoved and replaced high pressure grease pump- Additional E-stop switch installation	07/27/2021
72403	Oil leaks Re-sealed diff fill up port, Applied silicone on torque tube and ordered parts for trans and	04/07/2021
72480	Excessive steering movement.Reattached steering - test steering and inspected park brake alarm	07/28/2021
73065	Removed and replaced engine oil and filters	04/06/2022
73102	fuel not pumpingFind no power to control board on back but still inop, Removed electric shut off valve from hi flow fuel line and turn on manually	04/25/2021
73340	repair ladder Top ladder repair - make locking pins to hold ladder in place	04/29/2021
73441	rear strut x2 failed (leaking)Removed rear strut - removed pos 5 / 6 - start unplumbing wheel end	06/02/2021
74090	Tronox 3 Yearly Machine Inspection (Sign Off) (Water Trucks / Service trucks)	05/01/2021
74595	leaking pos 4 wheel end Disassembly	06/20/2021
74742	Fire Suppression System Service - Service Truck 6 Monthly	06/08/2021
75917	Lube measuring gauges- Order 2 new flow meters and 3 batt packs	07/28/2021
75937	air tank relief valve change out.Removed and replaced x 2 relief valves	07/07/2021
76246	emergency steering pump staying on can not fault nothing found checked all wiring	07/19/2021
76755	Bulk Grease FaultRemoved grease bulk valve in hose - Checked pressure in pilot and adjusted - test and put it back	07/31/2021
77396	Replaced tail light	05/09/2022
77397	oil delivery pumps not workingFit new gauge and calibrate - Air switch around the wrong way / Checked air supply to change oil to pump 2	08/19/2021
78165	80/90 pump 5 not working Removed and replaced pump 5 in 80/90 comp with rebuilt	09/08/2021
78179	Service Vehicle Cat 769 D 250 HR Service Eng service only	05/04/2022
78504	Brake cooling line leakMake new hose and fit	09/18/2021
77794	No air reelFit air hose to back of truck	08/31/2021
77782	Fan belt cracked Replaced compressor belts	08/30/2021
78781	Oil leak from Brake Cooling Hoses	09/27/2021
77781	handrail cracked	05/26/2022
77780	Top up fire suppression foam/water	05/17/2022
80535	Compressor for service body u/s Fit new compressor	11/19/2021
80540	Replaced voltage reducer	11/20/2021
77779	Oil leak pos 1 - replaced hyd hose from hyd filter to pump	05/11/2022
77706	pumps and solenoids not working - Air solenoid to pumps issue -Bulk storage tanks level senders and overfull shut off still not working	08/29/2021

80965	Battery clamp u/s - Removed bracket - replaced damaged battery	12/08/2021
77558	Service Vehicle Cat 769 D 500 HR Service	08/27/2021
76610	Park brake faultDiagnose faulty overstroke switch and fit new switch - actuating all the time needs att on pin or overstroke	07/28/2021
76292	bulk storage tanks cleaned Cleaned tanks	07/20/2021
81207	Fire Suppression System Service - Service Truck 12 Monthly	02/25/2022
81381	Ignition and start faults Engine shutting down	06/09/2022
81444	Battery box repairs,- Wash out and clean - Removed old batteries - Installed rubbers and installed new batteries	12/25/2021
82182	Fit new flashing lights front and rear	07/16/2022
76231	fuel level sender broken - Removed and replaced fuel sender assy, Fit 2 pin plug to wiring pump fuel back into tank check gauge in cab	08/29/2021
82895	reconnect fire suppression -	02/26/2022
83035	a/c pressure switch - Replaced AC pressure switch Vac down and charge	03/03/2022
83119	brake light fault T/C, Brake oil temp light	06/12/2022
83120	Ball stud missing part & bearing coming out - Unplumbed LHS steering cylindry, remove and replace inner LHS steering cylindry ball struts, bearing, cap, boot, split pin & nut- Remove and replace RHS inner tie rod ball stud, cap, bearing, nut and split pin- Topped up steering oil and coolant, manually greased truck	12/20/2022
83434	broken 30w hose- Cut broken part of hose and crimp new hose	03/24/2022
83533	hydraulic hose leaking - Replaced	03/29/2022
83686	POS 4 flat - Removed and replaced pos 4Retorque pos 1,2 & 4	04/13/2022
83803	pos 5 tyre blown retorque pos 6	04/21/2022
84023	coolant leak at heater tap- Replaced heater tap - refilled water	05/10/2022
75923	Installed new pump - checked brake system test pressures - no faults	07/07/2021
84209	engine speed sensor fault	05/27/2022
75294	Reseal Leaking Pos 4 Final drive(Also Work Order 74595)Top u oils and filled up RHS finals, checked diff oil level - retorque pos 5 fitted pos 6 and torque - removed and replaced steer cylinder outer RHS ball stud	06/26/2021
75213	Replace/Change out strut (s)	06/22/2021
75159	Rear Strut ReplacementRemoved and replaced rear struts to procedure	06/18/2021
73063	prestart machine for operation	04/24/2021
84500	low power - Checked over	06/14/2022
72997	Change eng oil Fit battery cover plate Organize UHF parts for repairs	02/27/2022
72996	HYD TANKResealed main hyd tank plugged, rebuilt fan drive and removed shroud and fit again, Removed belt and fit again, removed bonnet and hand rail	04/21/2021

85097	POS 4 blown fit new steers	08/02/2022
72937	Hydraulic oil leaks.Repaired grease line and manually grease rear pins and bushes - Repaired oil leak on pumps and valves main circuit, Drain main circuit tank behind diff, Removed rear cover and make up gasket 21/4/21Fit engine hood and hand rails - refitted main circuit tank rear cover and filled hyd oil	04/20/2021
72885	Steering repairs .Perform steering check - start to remove cylinder inner ball studs and RHS cylinder outer ball stud 20/4/21Removed right hand steering cylinder and replaced ball studs - removed and replaced ball stud in LH steer cylinder - removed and replaced grease line in steering ball studs	04/19/2021
72592	250 HR ServiceSERVICE AND DEFECT REPAIRS	04/08/2021
85640	Oil leak on trans and TC hose	09/10/2022
85641	UHF n.w -	09/10/2022
85681	Engine oil leak - Replaced rocker cover oil plug seal	09/16/2022
72458	Fire suppression charge is low - Topped up gas and checked for leaks - found leak on discharge line - discharge gas, Removed head and resealed - rechecked for leaks ok, refit discharge line	04/08/2021
85730	Low engine power - Water in fuel	09/15/2022
72033	Park brake line	10/11/2021
85787	battery issues- Isolator battery cable connection arced out	09/24/2022
85853	Oil leak - Fab new hose for PTO and fit	09/25/2022
85874	Diesel in bulk engine oil compartment-	09/28/2022
85915	A/C not working compressor u/s	10/14/2022
71628	Commissioning and elec repairs - Cont 24/3/21Chase up parts - wont turn on ignition found would only work if machine isolate switch was on - needs further diagnosis 8/4/21Cont and double checked mech checks - washed engine down	03/18/2021
86175	no ladder to access to of truck - install ladder	12/04/2022
86415	replace failed batteries	11/05/2022
86517	Prestart fault : hydraulic hose leak	11/12/2022
86576	not changing gears excessive metal in filters	11/27/2022
70040	Fire Suppression System Pressure LowLeak test system, Found rubbed hose and leaking at a fitting into a manifold leaking, Replaced faulty hose and fitting - recharge system	02/08/2021
86687	refit POS 2	11/23/2022
78695	failed brake cooling hoseRemoved rear hose clamps - removed clamp for hose torque tube - Need to remove clamps and hose	09/19/2021
86774	prestart fault : no A/C	11/27/2022
78741	leaking and brittle hoses require replacingRemoved main oil cooler hose	09/21/2021
78968	CHECK AC OPERATIONFixed	09/27/2021

79184	PTO will not Engauge - Power reducer is U.S - Replaced reducer	10/05/2021
80591	leaking trans hoses (loose trans filter	11/23/2021
80949	bulk fuel meter wont reset -	12/10/2021
87141	Check breaker and fuses	12/10/2022
81050	Scavenge pump n.w - Removed and replaced	06/25/2022
81052	Prestart fault : Over fill protection level gauge n.w	04/14/2022
87403	failed engine fan drive bearings- Clean fan hub parts, replaced bearings and seals.- Torques bolts to spec, greased bearings- Wash cores out and tested for leaks- Put fan hub and tensioner on	01/10/2023
87496	Service Vehicle Cat 769 D 4000 HR Service	01/31/2023
81053	Coolant pump u.s	07/03/2022
87588	Machine Repairs- Install fan hub- Replace hub grease line, core radiator, core seal, fan belts, alt. belt- Fill up coolant	01/10/2023
87617	Prestart faults : Rear window coming out of seal - completed at service	05/14/2023
87644	Prestart faults : Air Horn N/W - completed at service	05/14/2023
87713	starting fault - Starting fault, checked battery, not good- Removed and replaced, tested - OK	01/23/2023
88035	rear window seal u/s - window coming out (duplicated work order)	05/22/2023
88097	Replace bulk 30W pump- Removal of rear cover of bulk reel hose- Turner feed tap to pump off- Unplumbed hoses, removed old pump fittings- Fitted pump in truck and plumbed up fitting- Refitted rear cover	02/16/2023
82603	Bulk fuel hose broken off	10/26/2022
84195	Service Vehicle Cat 769 D 2000 HR Service (serviced 28/5/22)	05/27/2022
84274	bulk gauges not working - repaired wiring	05/28/2022
84322	cab defects - washers not working properly - L/H mirror not secure	05/29/2022
88915	machine not starting - solenoids not opening up, fixed	04/16/2023
84323	boost intake pipe to after cooler worn a hole through	05/29/2022
84325	Prestart faults : hydraulic hose leaking - trans hose	08/10/2022
89213	Service Vehicle Cat 769 D 1000 HR Service	05/16/2023
84554	low power in trans - Metal found on filter from pump	06/20/2022
84728	Fire Suppression System Service - Service truck 6 Monthly	07/14/2022
85130	low power fault - Checked fuel pressure found low checked valve was faulty also found transfer pump not building pressure parts ordered	08/06/2022
89637	Service Vehicle Cat 769 D 250 HR Service	06/28/2023
89731	leaking primer pump and repair fuel leak - start fault	07/10/2023
85219	intermittent power loss- Number 8 injector faulty	09/14/2022
85718	blown pos 6	09/17/2022

85750	Prestart fault : low engine power	09/20/2022
86066	pos 3 tyre failure	10/09/2022
86609	failed torque converter- replace torque convertor and scavenge pump - checked pressures T/C 64psi trans 400psi low idle - 490psi high idle - replace lock up and test	11/22/2022
86773	prestart fault : park brake light fault - completed at service	01/31/2023
86799	Coolant Leak- Drained coolant, removed fan shrouds, removed hand rail and engine covers, removed intercooler and tank, tapped to pipes	01/09/2023
86800	lock up clutch issues	11/27/2022
86802	pos 2 wheel retorque	11/27/2022
87091	horn fault	01/05/2023
87277	start fault	12/17/2022
87587	Machine repair- Re-seal bottom oil cooler- Plumb up oil cooler- Remove all radiator cores- Remove fan drive housing- Remove fan- Clean radiator bottom dink	01/09/2023
88363	defect parts order	05/15/2023
88519	R/H steering cylinder leaking - remove and reassemble	05/16/2023
88681	Prestart faults : Trans filler cap missing - completed at service	05/15/2023
89201	heater taps leaking - change out	05/13/2023
88954	transmission filler neck damaged - completed at service	05/15/2023
89407	Carry Out 12 monthly Fire Suppression System Service2 nozzles blocked. Cleaned and flushed - OK.Blow-off cap missing. Replaced - OK.	05/28/2023
89417	Prestart faults : No tail lightsFixed broken wires at LHS top tail light.Fixed wiring short for tail light at wiring junction box located where the power steering tank is.	05/28/2023
89627	Exhaust Repairs	06/21/2023
89975	prestart and top oils - top trans and hyd	09/02/2023