

<b>WT 199</b>		<b>Current Hours : 29422</b>	
<b>SN : AXM00740</b>		<b>CATERPILLAR</b>	<b>740</b>
			<b>2002</b>
<b>Components</b>	<b>Component SMR</b>	<b>Hours Changed</b>	<b>Date Changed</b>
<b>Radiator</b>	29422		
<b>Engine</b>	9916	19506	01/26/2017
<b>Transfer Box</b>	29422		
<b>Transmission</b>	29422		
<b>Front Diff</b>	29422		
<b>Centre Diff</b>	29422		
<b>Rear Diff</b>	29422		
<b>Wheel End/Brakes Front LHS</b>	29422		
<b>Wheel End/Brakes Front RHS</b>	29422		
<b>Wheel End/Brakes Centre LHS</b>	29422		
<b>Wheel End/Brakes Centre RHS</b>	29422		
<b>Wheel End/Brakes Rear LHS</b>	29422		
<b>Wheel End/Brakes Rear RHS</b>	29422		
<b>Suspension Front LHS</b>	29422		
<b>Suspension Front RHS</b>	8848	20574	06/04/2017
<b>Steer Cylinder LHS</b>	10100	19322	01/05/2017
<b>Steer Cylinder RHS</b>	10572	18850	12/14/2016
<b>Hoist Cylinder LHS</b>	29422		
<b>Hoist Cylinder RHS</b>	29422		

Work Order	Description	Date
600	Check low power complaint Replace fuel filters and blow out fuel supply lines	01/26/2016
637	Recharge fire suppression system	01/16/2016
725	Over heating - Check cooling system found radiator cap not sealing repair headere tank neck to suit cap	01/09/2016
734	Replace blown pump diverter valve o-ring	01/26/2016
811	Repair RHS light wiring	01/02/2016
815	Check air con fault - Replace receiver dryer and accumulator flush out air con system regas and test (Wazza & Gerard - Cavpower)	01/07/2016
824	Repair engine speed fault, Repair E-stop fault, Checkover and regas air con (Brad Cavpower)	01/06/2015
953	Make fire suppression control wiring oloom and install	01/06/2016
1003	Repair engine fan control solenoid and fuel guage wiring (wazza cavpower)	01/12/2016
1034	Check over heating fault down load fault codes wash out intercoole rnad radiator (wazza Cavpower)	01/13/2016
1072	Test enigne cooling fan speed (low 762rpm high - 1787rpm) Continue diagnosing found CAC fan pressure not in spec's. Replace fan and test drive all good 17019hrs (Brad - Cavpower)	01/13/2016
1305	Repair speed sensor wiring fault	02/06/2016
1313	Charge up fire suppression system and check	02/06/2016
1324	Replace header tnak with2nd one from truck out the back	02/07/2016
1439	Inspect low power complaint - Found machine to be low on fuel and had picked up some debris from fuel tank blow lines back into tank and fill with fuel test drive machine	02/09/2016
1449	Repair quarter panel glass	02/09/2016
1705	Fire suppression system low - Pressurise system and repair leaks, recharge fire suppression system	02/12/2016
1725	Diagnose engine control signal fault - Found rubbed through harness under cab repair section of harness and test for faults	02/13/2016
1802	Check and repair enigne oil leaks	02/15/2016
2022	Oil leak whne PTO engaged - Replace leaking o-ring in valve block tighten hose and test	02/19/2016
2030	Repair oil leak at spray pump reducer	02/20/2016
2388	Remov eand replace brake accumulator charge up system carry out pressure test and oprate machine	02/24/2016
2632	Air con fault - clean out condenser and regas system test run and report on operation	03/11/2016
3512	Articulated Water Truck Caterpillar 740 500hr service	04/20/2016
3533	refitted air compressor and tested water spray operation	04/08/2016

3889	500hrs service and pre start (seat ordered)	04/20/2016
4103	Carry out pre start repairs	04/27/2016
4133	Remove leaking LHS steering ram for repairs	04/27/2016
4180	Repair leaking steering ram refit to machine top up steering oil and test drive	04/28/2016
4414	Check no start fault - Found E-Stop pushed half in	05/09/2016
4592	C/O Pos 3 tyre	05/13/2016
4797	Low pressure fault in fire suppression, found faulty switch (Need to order)	05/22/2016
5258	Remove and replace pos 1 tyre, Jack up pos 2 tyre and deflate	05/24/2016
5507	Articulated Water Truck Caterpillar 740 250hr service	06/11/2016
5680	Replace water pump drive coupling rubber fit new key way and test run	06/06/2016
6783	Check Oil levels	07/22/2016
6881	Bonnet faultBroken switch Operate manually & checked operations	07/24/2016
7164	WORK ORDER 7164Articulated Water Truck Caterpillar 740 2000hr service	07/31/2016
7292	Begin Service & mechanical Inspection	08/01/2016
7524	Drop box cap missingMade new one to fit to original Cleaned out pipe etc.	08/06/2016
7578	Topped up drop box oil	08/08/2016
7580	Made and replaced hose from pump to hydraulic pipe	08/08/2016
7873	Remove & replace pos 3 tyreDe-scale rim & components *heavily rusted	08/16/2016
8231	Checked A/C fault, No gas in system Charged with nitrogen, traced leak to condenser ,*( New condenser ordered)Washed around sensor	08/26/2016
8323	A/C repairs, CO condenser & dryerCharged with nitrogen Checked for leaks, Vac'ed system & charged with 20 kgs of gas	08/30/2016
2997	Repair air con system fault - Found compressor bearing had failed replace compressor and low side charge pipe flush system and check for leaks	03/25/2016
2708	Tyre record detailsPos 1 - Dynamax E3L3 29.5R25 Serial: 441222101JPos 2 - Bridgestone L Traction 29.5R25 Serial: S6A005278Pos 3 - Tech King ETADT 29.5R25 Serial: D110528C2801Pos 4 - Tech King ETADT 29.5R25 Serial: D110542B2301Pos 5 - Tech King ETADT 29.5R25 Serial: D110530A2401Pos 6 - Tech King ETADT 29.5R25 Serial: D110526B2101	03/10/2016
2458	Gear shift fault - Inspect and repair transmission wiring loom reset speed sensors	03/05/2016
2370	Check and adjust suspension strut height to specs	02/25/2016
2120	Inspect brake fault - Charge up brake accumulators and run machine carried out pressure tests both Opsi accumulator need to be replaced	02/22/2016
10013	Engine StoppedChecked fuel lever, prime system *started	10/19/2016
10260	Replaced leaking hydraulic hose off pumpNo power, blow all lines to tankCheck head for blockages & inspect other components for wear or damage Test drive operations	10/26/2016

10299	check trans fault with ET, no fault listed, topped up trans oil	10/27/2016
1357	Re-gas pos 1 suspension strut, Replace broken grease line, Inspect and carry out tests on possible transmission fault	02/08/2016
10353	replaced hub, repaired studs and filled hubs and diffs, fitted wheel	10/29/2016
10558	Pos 4 re-torque	11/03/2016
10559	Changed ECM out engineTest drove unit	11/03/2016
10564	Torque pos 4	11/03/2016
10583	Engine starting issueCheck fuel system - checked fuel filter & primeECM dropping out put vantage	11/03/2016
10687	Oil Leaks Replaced hose on RH converterRe- seal valve on top of trans	10/30/2016
11490	Door locked shutReplaced door latch	12/12/2016
11573	Change pos 4	12/12/2016
11581	Remove hydraulic pump, repair mounting bracket, fit new coupling	12/12/2016
11697	Torque pos 4 & paint wheel nuts,	11/11/2016
11710	Re-seal RH steer cylinder Fill greaser & check why system wont cycle automatically Replace hood pocket switch	12/14/2016
1192	Tighten up water pump drive coupling repair wiring to rear spray control valve	02/03/2016
11835	Re-fit old coupling rubber test *fine*found low coolant whilst doing pre-start checks	12/17/2016
1188	Drain water tank and replace drive coupling	02/03/2016
11958	Refit rubber coupling for water pump on back of unit	12/21/2016
11971	Space water pump up & made sure the two pump couplings are lined upFitted rubber boot Test operations & torque bolts	12/21/2016
11974	Replaced engine oil and filter	11/19/2016
12372	Check wiper arm operation,Found loose nut for wiper arm,Check motor spline (found spline worn & wiper arm worn out),Re-tension nut tight,Check operation,All ok,Need to order wiper motor and wiper arm	12/29/2016
12449	Repair wiper arm	12/29/2016
12574	AC fault checked pressures, cleaned filtersTest AC blowing cold	01/06/2017
12603	Fitted new LH steering cylinder bearing, seals & pinManually greased unit grease pointsReplaced leaking RH side steering cylinder grease line, fitted new oneChecked & adjusted all tyre pressures	01/05/2017
1167	Check and repair pre start faults - Fit AM/FM radio and aerial, Repair feul gauge issue, Check and report on air con system, Repair windscreen washers (Brenton Hall)	02/05/2016
12822	Repaired RH water spray until new one arrives	01/12/2017
12837	Water pump for sprayers not working,Test wiring to switches,Hyd oil levels ok,Further investigation required	01/12/2017

12839	Pump not kicking in for sprays,Checked switches & wiring,Diagnosed faulty solenoid,Replaced & checked operation	01/12/2017
458	Articulated Water Truck Caterpillar 740 1000hr service - 17208hrs	02/01/2016
13428	Isolate wiring for grease pump,Fit A/C covers,Fit side panel,Check over,Manually grease injectors	01/26/2017
13510	Go down and inspect fan motor loss of power & white smoke out of A/C vents,Pull out cab filter & turn on fan... It locked up and made bad noises,Remove covers & plates to remove A/C fan assy,Disassembled motor and fan,Replaced motor & fans,Installed fan and motor assembly,Turn key on & power converter started to burn & smoke,Removed converter & wiring harness,Converter has water in it & grease pump has locked up,Ordered compressor for grease pump, wiring harness & converter,Test grease pump compressor by overriding the pressure switch... Locked up	01/26/2017
8386	Mechanical InspectionTop up hydraulic oil	08/26/2016
7663	Loosing power FaultChecked for boost leakFound fuel level too lowFueled upTested Unit	08/10/2016
7310	Remove Hoist pump/re-tap mount holesRefit	08/01/2016
7309	2000 hrs SERVICE	08/01/2016
13823	Replace bolts on water pump for spraysSecure to mounting plate	02/10/2017
13882	Coolant is low in top tank & over-heatingTop up coolant & bleed out airCheck level & top up againCheck all oils for contamination *all fineWash out radiator & check etmp. Temp *fine	02/10/2017
13884	Checked over fire suppression on water cartAll lines *fine	02/10/2017
13919	Inspected machine for coolant leaks and overheating issues.. (Adam Parker)	02/11/2017
13935	Flex coupling shreddedRemove broken coupling tyre, pump & motor not in alignment, Align pump with motor. Fit new flex tyre	02/12/2017
13958	Assess no rear lights & work lights, tested wiring Found to be badly corroded & broken Re- wire rear lightsRepaired front work lights	02/13/2017
14099	Articulated Water Truck Caterpillar 740 1000hr service	03/03/2017
14222	Fit rubber coupling to water pump	02/15/2017
7131	Oil Leak	07/27/2016
14639	Replace coolant line from top tank to coolant top tank.Replace overflow line.Remove header tank.Install new tank.	03/01/2017
14888	Pos 2 strut downAdjusted door handle & latch Adjusted pos 2 strut to correct height, pos 2 strut leaking from rod seal needs to be replaced	02/26/2017
15121	Replace pos 6 tyreDeflate pos 6 tyreRemove lock ringRemove tyre w/o rimFit new tyre/new o-ringInflate tyre to 80 psiLower down off jack	03/11/2017
15217	Fix & install park lights, lines, hydraulic hoseInstall new electrical lines Replace new working lights	03/14/2017
15752	Replace grease fitting @ steering cylinder L/H/S	03/22/2017
16083	Starting Issues	04/01/2017

6260	Checked AC faultChecked AC system pressure - 2020Checked all wiring's *fineRe-gas AC system *fineTest operations *fineAdjust RHS strut height frontCleaned condenser	07/06/2016
16372	Trouble shoot tall light & working light at the back not working*Still need to fix light at back	04/10/2017
16467	Articulated Water Truck Caterpillar 740 500hr service	04/14/2017
16488	AC n/wChecked gas pressureTrace wiring - bad connection in wiring harnessCleaned & tension terminalTest operations	04/13/2017
16505	Electrical faults inspect machine and hook up ET take for test drive	04/17/2017
16521	Carry out torque on pos 5 tyre	04/16/2017
5394	AC fault & no. 10 PTO outputFixed AC fault - fuseFixed pump- no key @ shaft, replaced key	06/13/2016
16728	Replace pos 2 tyre	04/19/2017
16745	Carry out pre start repairs faults as per asset to do list	04/19/2017
5087	RH front strut lowChecked procedure, dropped both front struts & charge to 660 mm	05/25/2016
4151	Pre- Starts Faults 6-5-17Fresh damage to bottom LHS near hydraulic tank ..... Checked fineRight & left hand steering ram leaking .....only LH (parts on order)Chunks of rubber missing off pump coupling ..... On orderNo reverse light/work light, RH side h/light lens ..... RepairedSteering leak ..... On orderDoor damaged around handle .....Broken trim	04/27/2016
17181	Repaired broken clevis in park brake assemblyReplaced seat belt	04/27/2017
17427	Replaced UHF hand pieceChecked E stops g/stick p/break	05/06/2017
3812	Torque pos 5 wheel nuts	04/16/2016
3669	Pos 2 suspension cylinder down , adjust height	04/12/2016
17612	Adjust front struts	05/05/2017
17701	Replaced hydraulic pump for waterCheck all level, add oil Wash unit	05/10/2017
17705	Removed RHF tyre & suspension strut	05/09/2017
17709	Grease alarm soundingfound wiring had pulled away from plug Refitted and tested	05/09/2017
18110	Hydraulic LeakInspect hydraulic leakRemove spool end, cap off divert-er valveReplace o-ring	06/04/2017
3644	Hydraulic leak - low hydraulic levelfound broken o-ring on hydraulic pump for spraysRemoved hose & changed o-ringtested operation - no leakFilled hydraulic tank up - used engine oil as there is no 30W on site	04/11/2016
18213	check tyre pressures, inspect and repair leak on pos 4 hub	06/06/2017
18307	Checked over pump - found loose bolt & replaced bolt	06/07/2017
9690	Door IssuesRepaired door handle	10/03/2016
18590	Replaced drive couplingReplaced pump & aliened	06/13/2017
18658	Pumped up front RH strut	06/14/2017
18662	flat pos 4 tyre, jack up and begin to remove	06/14/2017

18677	Torqued and inflated tyres, 17hrs later Re-torqued POS 1&2 tyres	05/24/2017
9799	RHF strut, Adjusted RHS front strut, Inspected ..... Strut weeping through seals, Needs re-sealing	10/13/2016
18795	Trans filter pipe leaking, Removed trans filter pipe & weld up hole in pipe, Refit pipe & filter housing and hose, Test...all ok, Washed machine	05/13/2017
18836	Articulated Water Truck Caterpillar 740 1750hr service	05/11/2017
18916	Oil leaks and spray come off Re-fit LH spray head Remove cap from hydraulic valve on center hitch and replaced o-ring, refit and wash	05/29/2017
19018	Low Power - engine Checked & found engine air cleaner is blocked Charged air filter & drive Test operations	08/04/2017
20212	Water not spraying Turned on gate valve	07/11/2017
20300	Light to be adjusted. Loose water jet. Re position light and tighten up bolt and nut. Water jets keeps turning around, take off and clean up rubber. Test run when spraying - still turning around. Clamp down harder and install cable ties to prevent from turning around, Test - All OK.	07/21/2017
20614	Repair busted hose, top up hydraulic oil Test run *fine	08/07/2017
20981	Hydraulic oil leak. Broken exhaust end pipe. Lifted cabing and repaired oil leak on top of pump (o ring). Welded broken exhaust pipe.	09/09/2017
11808	Park brake failed - Found broken rod on actuator, replaced actuator from 388 and adjusted to spec and tested OK.	12/17/2016
21428	Lack of power. Checked over fuel system and intake system. Replaced fuel filters. Washed truck and test drove for a while fault seemed to disappear. Cut filters open at workshop and found large amount of dirt and water in primary filter, secondary not too bad. Fuel tank needs to be flushed	08/09/2017
21508	Break into machine due to door lock not working. Adjust and tighten latch, test operation.	07/26/2017
21766	Pos 3 tyre blown. Drain water from tank and take to workshop. Strip and fit runout. Tyre serial no: CVV5184U6A.	07/22/2017
21770	Work lights not working. Find and repair broken wires, find and repaired corroded connections.	07/24/2017
21869	Door handle repairs, adjusted latch & tightened bolts bolts* ordered	08/27/2017
21928	Completed Fire Suppression in accordance with OH & S Requirements Completed by MBD Contractors - Andrew Paige	08/26/2017
12710	AC Fault - Checked pressures ok, remove panel clean out evaporator & replace dryer, check for power to compressor - ok.	01/09/2017
23075	Fire Suppression Level 2 - completed level 2 service, over haul head, requires 8 caps	10/19/2017
23104	Beacon not working - Find & repair broken wire to beacon in base of light.	10/04/2017
23884	Repairs & Service BSL JOB CARD (Refer to Document Attached)	10/07/2017
24026	Repairs & Service BSL JOB CARD (Refer to Document Attached)	11/04/2017

24150	Articulated Water Truck Caterpillar 740 500hr service	11/06/2017
24218	Repair hydraulic oil leak & damaged o-ring in jet valve, removed & replaced hose and reseal, test ok	11/06/2017
24326	Remove & replace water pump on rear end of water cart	11/29/2017
24430	Found truck ran out of fuel, got service men to fill it up then bleed fuel line system now ready to go	11/11/2017
13606	Worn Out Steering Cylinder Rod - Repaired steering cylinder worn-out Rod refit new bush & new pin, fixed Grease line (LHS) Fixed crack on water tank RHS, return to go line	02/04/2017
24689	Pad weld & remove water pump	11/23/2017
24690	Hole in Water Pump hydraulic hose - Remove hydraulic hose from water pump, make new hose & refit - ok	11/24/2017
13649	Jump Start Moxy Water Cart at Ginkgo workshop and fixed ignition switch	02/06/2017
25041	Leaking Coolant - Found the coolant cap is missing, get new cap of tank in container, check if lock tabs are still on tank - ok, install cap & test ok.	12/10/2017
25073	Over Heating - Found radiator and hydraulic cooler to be blocked up, removed guards and cleaned out check operation all good	12/09/2017
25094	Fit new batteries	12/14/2017
25177	Coupling replaced - Cleanout bolt holes, blow out coupling clamps, install coupling in 2 clamps, tighten up bolts x 12 until slack is gone & all bolts are tight, test pump & coupling ok.	12/12/2017
25192	Filled up with transmission oil, fixed hydraulic leaks & fabricate hydraulic hoses.	12/11/2017
25266	Lights N/W rear of truck - fixed & repaired broken wires	11/22/2017
25346	Grease line missing LH near steering RAM, rubber drive coupling U/S, tank leaking RHS.	12/07/2017
25483	Evap box rusted out - replace after removal of old unit - LH Artic Ram leaking - Removed offside cab cover, removed cover on evap box inspect mounting brackets, remove heater plug, remove 12 pin Deutsch from bulkhead, lift bonnet, recover AC gas, spray receiver / drier fittings with lanolin to loosen, remove receiver drier, remove fittings from evap box & had to remove accumulator & receiver drier with evap box, remove evap box & compare bolt holes - different get Tim to remove captive threads from machines, fit up evap box, fit filter connect plug pack up tool & equip.	11/17/2017
25734	Inspect and report on LH steering cylinder leak and excessive movementCheck pos 3 & 6 tyresCheck and repair pre start faults	11/23/2017
26305	Remove 2 x pump hoses for water pump, made new hoses & refitted Test for any leaks	01/07/2018
7819	WORK ORDER 7164Service 2000hrs	08/16/2016
13676	Oil leak at valve at rear of cab - remove return line then replaced o-ring checked operation all good	02/05/2017
7324	Hooked up computer found no fault codes - issue with Gear selector clutch won't change out of 5th Gear	08/02/2016



26440	Oil Leak - replace hydraulic hose on centre hitch, was machine & check oil level	01/04/2018
26443	Troubleshoot transmission fault (won't go beyond 4), check oil ok, checked & cleared shift lever, tapped up exposed wirings (grounded) test machine ok	01/04/2018
26720	Loosen plates on pump & motorInstalled coupling between plated & seat in correctly & dryTighten up plates with bolts to hold in couplingRe-checked all the bolts & that coupling is secure between plates in tight*all correctStart unit & test pump *fineAdjust hyd pressure to pump to slow motor /pump down - Decreased pressure by 2 turns in & still puts out good water volume	01/16/2018
26728	Header tank cap missing - located damaged radiator cap, cap to be replaced	01/11/2018
14402	Removed side coverReplaced bonnet switch and fit back cover	02/15/2017
26989	Repaired coolant line (Radiator hose) - removed exhaust bracket, find hose & made new coolant hose for radiator	01/20/2018
7209	750 hr service	07/28/2016
27022	finished of service	01/24/2018
27157	broken wire running to rear work lights, repair wiring	01/30/2018
27404	replaced 2 busted leaking hoses	02/01/2018
27414	radiator mount missing	02/01/2018
27492	inspect machine for leaks etc, replace fuel filters and flush fuel lines, prime fuel system and test	01/26/2018
27529	Wire in lights - Wire in lights on top of water cart	01/24/2018
9486	Alternator light comes on inspect alternator & related parts, test run & fix / replace radiator rubber, reposition bracket. Faults identified: needs transmission dipstick.	09/17/2016
28065	Bonnet not working- Found bonnet relay was at fault removed and all good	02/14/2018
28166	Side Cover on RHS came off - Refitted	02/17/2018
28374	oil leak at the back of the water cart Hose leak new hose made and fitted	02/20/2018
28441	Articulated Water Truck Caterpillar 740 250hr service	02/22/2018
28585	Fix / fabricate hydraulic hose fitting	02/26/2018
28605	Steering lock guards lift cab - Oil leaks repaired on valve bank - inspect other oil leaks test ans order parts	03/11/2018
29037	Removed hoses off ram found fittings & cap's welded guard on, setup oxy to remove pin	03/07/2018
29149	replace pos 4 tyre	03/08/2018
29310	Remove water pump assembly - Stripped water pump - Assemble water pump & install back to machine - Done removing water pump assembly - Completed stripping water pump assembly	03/07/2018
9779	Carried on with service could not complete until machine is running	10/13/2016
29643	Assemble 2 steering cylinders, installed hand rail, pull out LH final drive and prepare to reseal, ordered parts	03/21/2018

29956	Fuel Leak - Replacing fuel filter, bleed lines check for leaks - ok	03/25/2018
30152	Install brake switch & park brake switch	04/02/2018
30469	Fixed hydraulic hose leaks - fabricate hose & install, fill up with hydraulic oil, wash machine. Check brakes & tested - NB: 240 ltrs of Hydraulic Oil Used - 30W	04/13/2018
30556	Brakes - hub accumulator test and replace charger nitrogen & need to change front accumulator.2 accumulators are broken	04/08/2018
30729	Performed leak test on front accumulator, removed accumulator for fitting of hoses & gauges, charge nitrogen on front accumulator (450 psi) found no leaks ok. Checked for leaks on hoses and line pipes then put back properly the front accumulator on machine, tested & run the unit several times found brake are now engaging properly. Fixed bolt for hand rail LHS	04/18/2018
30799	Brake not working inspected accumulator, pull out accumulator, Clean area	04/19/2018
30802	Fire suppression system service - Water Trucks 6 monthly - MBD	04/19/2018
30906	Install accumulator for brakes, change nitrogen on both accumulators, test	04/23/2018
30920	Hydraulic oil leak - Repaired leaking hyd spray valve - Washed out blocked core	04/23/2018
30983	Leaking oil- Replaced control valve tested - make new M & hoses and O-Rings	04/25/2018
31100	Articulated Water Truck Caterpillar 740 1000hr service	04/28/2018
31616	assess over heating issue - found f=radiator cap to be faulty. repaired throat and cap, test - all ok	05/03/2018
32274	Finish fitting water pump & hoses, noticed a slight coolant leak had to jack cab & washTighten a few hose clamps where coolant was weeping out Fill up coolant & ran engine for 30 ins, no leaks were found Refit panels, lower cab, header tank needs replacing	06/02/2018
10330	Inspect pos 5 tyreBlow out on pos 5 Removed tyre & rim off unit taken to w/shop	10/28/2016
13730	Fixed hydraulic leaks - Replaced o-rings & resealed fittings, replaced broken hydraulic hose	02/07/2017
16222	Rewire new rear taillights and work lights	04/02/2017
16704	Replaced blown transmission lines	04/18/2017
32875	Transmission leak - Found steel pipe rubbed through, remove welded up added new pipes	06/04/2018
32951	Pos 5 tyre replacementPos 5 tyre replaced with run-outWheel torque to spec & pumped up to 80 psiTorque after 3 load& preform pressure test on run-out wheel pos 5	06/06/2018
33528	Intall belly plate, fix leak, wash unit, sent back to work	06/22/2018
33529	Trace up hydraulic oil leak - Traced up hyd oil leaks - Pulled out hyd hose - Fabricate new hose - Installed new hose to unit Test ok	06/22/2018
16749	Articulated Water Truck Caterpillar 740 250hr service	04/19/2017
33989	Fill hyd oil - Prestart machine	07/04/2018

33999	Replaced water pump assy (rear) water truck- Removed water pump lines/pipes- Removed cover/attachments- Removed water pump assy- Replaced water pump assy- Installed back water pump lines- Installed back cover attachments - but grease on pump - Park it on go line	07/05/2018
34018	Replace busted work light and signal light - Unit operation	07/25/2018
34038	Check door lock- Checked door lock - Fixed the lock	07/06/2018
34573	Inspect machine problem - checked fan speed operation, checked fan solenoid condition, checked power supply output, test ran machine	07/19/2018
34630	Over heating - test run unit to see if over heating, inspect radiator pin is clogged pressure wash radiator pin test if still over heating	07/20/2018
34666	Robbed thermostat of wreck truck, replace thermostat and housing, make gasket refill coolant test ran, check radiator temp- Unit operational	07/22/2018
34839	Replaced RH side mirrorFixed bent cover of harness CRH side portion of window	07/30/2018
34852	Drain coolant recover the refrigerant, disconnect coolant lines, AC system lines, fan motor, remove radiator, condenser, & fan motor / supply line, disconnect output transfer gear lines & propeller shaft & remove transfer gear	07/29/2018
35006	Replace suspension frame bearing - Removed lines and brackets - Removed/ installed covers & pin , removed/ installed frame pin, bushing bearing - to be cont	07/31/2018
16969	Assemble transfer gear assembly- Done pre load of bearings - Install bearing cups & cones Clean up thoroughly the housing which was full of metal debris - Set up parts and clean up prior for assembling	03/25/2017
37185	Assemble transfer gear box- Done assembling transfer gear box	08/22/2018
37706	Complete remaining jobs - Machine back to go line and operational	09/05/2018
37822	Continue transfer gear, to A-frame job - A frame job done	09/09/2018
37865	Checked elec harness rear lights found connector loose contact/ replaced connectors and wire test ran ok - Operational machine moved to go line	09/12/2018
37948	Hard steering - Fill filter with diesel air bleed fuel system	09/14/2018
37966	No start - No power to signal wire on starter motor checked fuses and circuit breakers, ok start, starter motor ok to use	09/13/2018
38011	Issue with seat- Inspected seat found that base structure for padding foam was all broken away on the LH side of seat, ordered new seat	09/18/2018
38141	Seat belt twisted, untwisted seat belt	09/22/2018
38282	re fit fuse box cover fit screws in shifter handle repair hand rails - Repair exhaust bracket - operators did not notice exhaust issue or broken hand rails	09/30/2018
38298	replace seat & repair seat belt	09/28/2018
38351	Door latch fault - Went to truck checked operation of door, latch was not catching on the striker, sprayed some landin spray & freed up the mechanism all good sent to work	09/30/2018
38665	Door latch fault - Operator couldn't open door, got door opened and sprayed landin spray on mech checked operation all good sent back to work	10/16/2018

38787	Radiator bracket & covers - Fit cross brackets for radiator - Fit top & side guard id radiator repair muffler bracket	10/09/2018
38925	Dash lights N.W - Check all fuses Ok- Removed dash and replace blown globes test still N.W = Ordered	10/22/2018
38979	Pos 5 tyreRemoved wheel from #541 & bolted onto pos 5 of #WT0199 Torque to spec - torque after 3hrs work	10/21/2018
17470	Fit RHS front strutFitted all associated components & hosesTested - set to height	05/04/2017
39112	Oil leak - Pre start & washed machine - Removed busted hose - Fab hyd oil hose - Installed & refilled steering oil, send to go line	10/24/2018
39114	replaced drive coupling	10/24/2018
17484	Check for oil leak raised cab found leaking hyd hose - Removed hose made new hose fitted hose, topped up hyd oil washed down excess oil tested ok at time of test	05/07/2017
18196	Checked oil leak ok to use	06/04/2017
39202	Fit after cooler - Fit and plumb up - top up hyd oil and trans case oil - wash wind shield	10/27/2018
18579	Over heat & oil leak- Repair & check the oil leak	06/13/2017
39229	Overheating/repairs - Bring truck to W/S - Removed radiator shrouds and blew out radiator with pressure washer, washed around oil leaks -(inside pos 1) fitting on fan motor & valve block on hitch) secured handrail on RHS- Replaced nut & bottom washer & rubber bush for drop box on RHS found holes rubbed in aftercooler - handed over	10/26/2018
39287	LHS glass checked LHS glass found clip to be loose, missing rubber bushing, fitted o-rings to clip - Still needs correct repairs	10/26/2018
39386	Re gassed front right strut	11/02/2018
39402	Tail lights N/W - Checked wiring - Found and replaced wrong head/parking light switch - refitted sidings and dashboard and junction cover on top of tank - topped up trans oil	10/31/2018
39422	Fix grease fitting on wc199.	10/30/2018
39497	Seat belt	11/09/2018
18724	Driver door not closing - Latch bent in door straighten & check ok	05/27/2017
39911	Bonnet - Checked bonnet realigned bonnet re tested ok	11/20/2018
21006	AC N/W - Checked AC pressure ok - Cleaned up AC condenser and AC filter - checked for leaks washed radiator pins replaced seat belt - ac is working with correct pressure	09/08/2017
40065	AC NW - Check pressures ok - remove RHS cabin cover and replace receiver dryer - remove cabin filter and clean out - refit adjusted AC pressures test temp ok reassemble & return after sealing LH window	11/16/2018
40144	Articulated Water Truck Caterpillar 740 1000hr service	11/29/2018
40300	Steering fault - Fitted new pin in steering ram and grease fitting	12/08/2018
40306	Replaced rubber PTO coupling, also correctly aligned pump & fitted new bolts to brackets where bolts were missingTest operations *fine at time of testing	12/08/2018

40398	Broken radiator bracket, grease link on pin, replaced bush assembly or rear equalizer bar, fixed & repaired broken radiator bracket, fit radiator tank cap, fixed broken Grease line fittings on steering cylinder pin LHS, fixed broken mounting bracket of radiator side panel, removed rear equalizer bar, replaced broken bush assembly and refit.	12/09/2018
22784	Cleaned air lines to sprays, Replaced air line from compressor to solenoid, Repaired wiring, Replaced relay to compressor. Compressor faulty	10/15/2017
40566	Repair top exhaust mount - remove top exhaust mount rubbers, refit brack, correct bracket with rubber mounts will need to be ordered. Faults identified: LH Steering cylinder leak, hydraulic leak RH side back of cabin	12/17/2018
11912	A/C Evaporator Leaking Cleaned out drain tubes & drained evaporator.	12/19/2016
24656	Pos 6 tyre side wall damage - check pos 6 tyre - side wall bubbled - req replacement before failure	11/22/2017
12947	Fix mounting GPS rops - install missing rop pins - Done all job description	01/15/2017
24814	Pull out engine after cooler - after cooler is for repair	11/29/2017
40796	Alt belt - Fitted new belt	12/20/2018
40974	Replace hyd motor on water pump - Find and installed hyd motor fittings - fab hose and installed - installed hyd motor cover - Wash radiator - installed side cover LHS	12/04/2018
41165	Install new hyd water pump - clean area - Install coupling tighten bolts - install rubber connector - tighten bolt on base	11/09/2018
41203	Elec issue - batt light on radiator loose - Wash machine - bring to WS - remove LH radiator shroud tilt cab after removing pin - removed broken radiator bar - remove side covers begin diagnosing fault handover	11/01/2018
41222	Low voltage - emergency steering fault - Checked emergency steering wiring - switch and relays - temp bridged steering oil pressure switch - repaired radiator adjuster car and refitted - Refitted all panel covers - replaced signal light relay	11/11/2018
41571	Remove steering cyl x2 from 338 and removed and fit cyl's x2 to 199 repair grease lines	01/12/2019
41630	Broken grease fittings = Removed broken grease fitting and replaced, installed grease line	01/16/2019
41706	Replace the alternator - remove the broken bolt	01/18/2019
41711	AC not cooling - checked gas pressure & wiring - ok, found repaired hole in rusted AC box	01/18/2019
41747	No beacon - no power out of beacon - replace beacon but fuse blows - Found wires touching in cab roof, outside of cab - Wires touching because exhaust is broken and melting wires - repair all wired that are broken and plugs	01/21/2019
41857	Power issue - Test battery voltage (low) put on jump pack, remove breaker panel, check start , batt isolators for continuity ok, found main alt fuse was gummed up spray out, clean with brake cleaner, reset wash batt box - Breaker panel charge rate @ alt ok charge rate @ batt lower than normal resistance in cabling/junction block wash junction blocks - reassemble return	01/23/2019
41872	Cracked fuel tank and water tank - Weld repairs to fuel tank and water tank	01/16/2019

26356	Replace hydraulic hoses	12/27/2017
41954	Hanging water pipe line had fallen off - removed water pipe/lines at the back	01/20/2019
41961	Checked hyd oil leak found x2 hoses slit removed hoses made new hoses x2 fitted new hoses topped up hyd oil retested ok at time of test	01/17/2019
42023	Add 30W oil, check for leaks, test ran, sent to go line, unit operational	01/26/2019
26404	Washed out radiator	01/06/2018
42260	RH hand rail broken - Surge tank mount issues RH steer grease line broken - Repaired broken hand rail - secured surge tank - Extract broken fitting, replaced and installed grease lines	01/31/2019
42309	Replaced blown hose - Positioned machine - Removed blown hose - Fab hyd hose - Installed new fab hose - Test ran machine ok	02/07/2019
26418	Checked for hyd leak - behind cab hose for fan leaking made new hose and fitted retested ok at time of test	01/07/2018
42393	AC Not cold - Washed the truck specially radiator and condenser - replaced cabin filter - Topped up AC gas - repaired LH/front signal wiring	02/13/2019
42404	Bolt found from steering pin- Refitted bolt and checked other side	02/14/2019
42477	Checked center spray - Turned center spray tested for correct operation, pump not big enough to make spray work, turned off tap	02/16/2019
42667	AC N/W Re-gassed AC, capped minor leak on high pressure charge port (500g refrigerant 134a	02/08/2019
42700	Overheating - washed out radiator	02/10/2019
42706	Checked for oil leak at rear of cab- Checked for oil leak found ok to be blowing drop box dipstick tube, check oil level slightly high fitted and tightened dip stick ok to use	02/08/2019
42734	Getting hot - Washed out radiator also turned center spray nozzle and replaced indicator flashing unit	02/24/2019
42737	Repairs- Reseal RH side steering cyl installed - Removed drive shaft assy - Replaced spider bearing	02/24/2019
42790	AC N/W - not getting cold - Inspected system - found condenser leak, removed condenser grille oil cooler, condenser brackets, condenser fit new condenser vac down gas up, AC compresses not coming down on suction side begin troubleshooting order parts as req hand over to NS	02/22/2019
42791	Fix articulated cyl eye - weld worn out eye - grind to its shape - installed bearing	02/22/2019
42798	Installed drive shaft front - installed steering both side, cyl installed bearing - replaced spider gear in drive shaft	02/23/2019
42855	Front and rear frame separation- Washed machine disconnect hoses from the front to the frame - remove steering cyl and drive shaft - pull out osculation hitch - worn A frame pins	03/03/2019

42919	AC not working and machine repair - Remove AC compressor, fit new compressor remove and replace dryer replaced AC belt, vac, and charge cooling system, test machine if getting cold ok, remove mounting on cab, cut old rubber boot due it is clug on the mounting replaced 2 pieces on left side near the door and try to remove the other side but bottom bolts and plate removed - replace one pin missing with bolt and nut	02/28/2019
42943	AC N/W - Bring to WS - recover AC gas - Remove Alt belt guard - Remove AC compressor - Attempt to source press switch, 0 stk - hand over pack up	03/04/2019
42946	Replaced cab mounting - Remove artic cyl RHS - Secure accumulator - Install side covers - troubleshoot grease pump N.W - Checked electrical grease pump U.S checked blower faulty - Artic ram pin and bush U.S - AC U.S, grease pump faulty - RHS ram artic oil leak	03/04/2019
42947	Fix broken bracket and straighten cyl- Straightened broken bracket - Cleaned up oil broken welds - Welded back together - Installed bracket back in straighten cyl mount bolted back in - Water tank on back has crank on left side at the back	03/03/2019
42974	Wiper N/W - Door lock pin fall off - Fixed mechanical flow of wiper and tighten nuts - install/ fix the door lock pin and tighten the bolt	03/02/2019
42984	AC N/W - Repaired fault - regassed - fitted UHF speaker	03/02/2019
43018	AC fault - made and fit high pressure hose - installed fuel filter - installed air cleaner housing - replaced receiver dryer - vac down, charge and test AC - ok but needs to be monitored- installed shroud and cleaned up	03/02/2019
43084	Installed drive - replaced radiator assy - Installed drive shaft front bottom and drive shaft hitch- Greased witch pin assy removed and installed radiator assy - drained refrigerant and vac AC system	02/26/2019
43210	Check A/Cchecked AC found compressor to be seized - also broken beltFinished putting brackets etc on AC condenser*needs further repairs - parked on dead-line	02/22/2019
43300	Fire suppression system service - Water Trucks 6 monthlyCharge system to spec, fitted nozzle caps, cleaned out nozzles tidy high pressure hoses to actuators	02/25/2019
43334	Water cart - water tank crack repair - Gouged out and replaced large crack on the rear left hand side of tank, crack was gouged out until no longer visible and welded to BSL standards with 16 TC electrodes as as material was salt damaged	02/26/2019
43375	Disassemble front and rear frame - Disassemble front and rear frame, Remove artic drive shaft assy, reseal articulated ram - Drive shaft bearing worn	03/11/2019
43381	Connect front and rear frame - Re-position front side of machine connected front frame to rear frame - installed spacer and pin installed bottom spherical bearing hitch - torque bolt retainer - Installed bottom cap	02/28/2019
43463	Prestart checks - Top up hyd oil and steering oil - Replace injector nipples (grease nipples) - Replace and extract broken grease fitting - Strap up and secure side cover	03/13/2019
43473	STEERING REPAIRS - BEARINGS & PINS	03/05/2019
43481	Install hitch osculating - Installed / assembled hitch osculating - installed hitch assy to machine - installed hitch yoke front and back and bearings - installed LH steering cylinder	03/05/2019

43513	Found leak make new hose & replace o-rings, test & top up oil, clean radiator.	03/11/2019
43591	Beacon n/w - repaired wiring on rear of machine for rear lights & indicators, replaced fuse	03/13/2019
43614	overheating radiator was very blocked blown out/ check coolant level and fan operation	04/18/2019
43622	Fixed headlight & backlight	03/09/2019
26759	Oil leaks, Tail & Brake light n/w, Working lights n/w - Remove hose from return line behind cabin to steel line under tank for hyd. system. Make new hose & do a run through with Rowel, fit new hyd hose, fix tail & brake light	01/05/2018
26991	Defects - remove front tyre, repair oil leak on hoist valve. Fix oil leak on trans. Remove HMU. Remove brake line, remove rear quarter panel fibre glass. Prepare rear to be fixed. Sort out parts ordered & repair damaged to over flow tank on radiator.	01/19/2018
27816	Trace up oil leaks & repair - Done removed relief valve, removed and replaced busted/damaged Seal O-Ring, reinstalled relief valve & attachments - Washed machine, tested and checked for leaks	02/08/2018
32344	Oil leak at artic side - Wash and run to find leak - Found the pressure inlet to pump valve at fitting is weeping - Tighten fitting & test no leak as found	05/22/2018
32861	Checked indicators not flashing RHR relay retest ok at time of test	06/01/2018
29313	Remove A/C condenser- Repaired and reinstalled	03/10/2018
32302	Articulated Water Truck Caterpillar 740 500hr service	05/20/2018
32320	A/C not cooling - Broken hand rail - Cleaned evap core - replaced missing cab filters - Weld broken FR/LH hand rail - Checked A/C gas pressure	05/21/2018
42140	Oil leak - Check truck, center spray hose burst, remove and made new hose, handover	02/01/2019
33918	Articulated Water Truck Caterpillar 740 250hr service	07/02/2018
35316	Oil leak - Pre start - Removed cover on hyd tank, trace up oil leak - Removed busted hose and made hose - Installed hose & test ran ok - Refilled hyd oil - Correct level suspension	10/12/2018
39035	Stop and tail light N/W - Diagnosed incorrect wiring for tail lamps at junction box on tank - traced stop lamp wiring, unable to find power at junction box for stop lamps	10/23/2018
39121	A/C issues - Changed cab filters, cleaned cab to prevent filter from blocking up - Top up A/C gas a little	10/24/2018
39126	Articulated Water Truck Caterpillar 740 250hr service Completed repairs - Refill hyd oil - Replaced leaking hose hyd - reseal case drain tube for trans - Changed trans oil and filter - changed drop box oil - Checked rotation of water pump - test ran - LH bonnet hinge U.S (fixed)	12/01/2018
39212	Steering fault - Fitted new pin in steering ram & grease fitting	10/26/2018
39868	Fixed oil leak - good to go	11/20/2018
40025	Fix leaking hyd oil - remove access cover - remove leaking hyd hose - crimp new hose and install - - topped up hyd oil - wash machine	11/25/2018



40554	Failed hyd pump = Went to strand pipe - found hyd pump for water pump on back of truck had failed - come back and got servic etruck went back and topped up WT bought back and removed failed pump (water pump) ordered parts and packed up tools	04/11/2019
40570	Battery light is coming on and off- Checked charging 26.5V - secured alternator wiring	12/17/2018
40576	Coolant leaks - Refill coolant - Started machine - Pressure test coolant in radiator, traced up coolant leaks where coming from - Fixed coolant leaks	12/12/2018
40687	Put in front and rear frame together - install new bushed - Worn out bushes and pins of hitch	12/22/2018
40689	Steering fault- Steering pins broken, take back to WS for repair	12/23/2018
41889	Machine repair - Install rear hitch drive shaft install elec and hyd lines - install radiator top guard - refit grease lines - Missing transfer gear oil fill cap and dipstick	01/16/2019
42367	AC recharge, Checked over - lights, grease system, ElecVac down AC held vac, charge with 2000 grams R134A - Chase up bonnet hinges parts missing order new RH headlight globe order parts checked all fuses ok, disassemble cabin, repair wiring diagnose grease fault assist with radiator re-fitment attempt to source new grease pressure switch pack up and hand over- Rust in wheel arches - LH bonnet hinge U.S (Ordered)	02/06/2019
43694	AC blower fan inop - Found and repaired broken wire - Trans RH mounts U.S	03/10/2019
43753	Machine repair - Put on stand on the chassis - removed tyre pos 2 - Removed and replaced transmission mount assy- Cleaned up the surface on bracket - installed tyre and torque all bolts	03/21/2019
43770	Repair as req - Ref handover - Locate trans mount, attempt to find transfer case oil cap order new, remove evap cover, blow out and flush out evap, secure loose wiring, remove damaged AM/FM antenna blank off hole - parts damaged / missing ordered	03/12/2019
43774	Repairs - Seal up AC box - resemble all guards/interior panels etc - replace RH trans mount - carry our fire system inspection	03/12/2019
43780	Re-torque tyre pos 2 / grease system alarm - Re-torque tyre pos 2 - unplug grease system connection - replaced transfer case gear filter - Pressure switch N.W for grease system	03/12/2019
43820	Broken steering grease line - Hard tap steering grease port - replace grease fittings	03/13/2019
43823	Parking brake - Test machine trouble shoot found out positive line elec harness cut off - Repair elec harness and test machine and park brake release	03/13/2019
43840	Oil leak at articulation - Extracted seized bolts - replaced hyd hose going to water spray - Pinched hose	03/13/2019
43851	Replaced water pump on back of water cart- Removed hyd lines and hoses removed water pump - marked out water pump and oxy cut section out for it to fit, marked out flanges and cut them out, cleaned up flanges with grinder	03/13/2019
43875	Pump mount - Fit mount plate for pump to sit on fit cross-member - Cut frame to pipe to suit new pump - weld out fit gussets to channel ends	03/20/2019
44082	Replaced steering cylinder - prep tools - replaced steering cylinder LH and RHS - Fab hoses on steering cylinder - cleaned up work area	03/15/2019

44123	Fit new hyd pump and sprays - All mounts and bracket made and bracket made on coupling bush all day	03/16/2019
44968	Replaced water pump and put new sprayers on spray bar - Cut off old fitting cleaned paint off for welding, welded new fitting on installed spray bar back on, fitted new spray fittings	04/10/2019
44973	Pum, motor hyd / install and coupling assy - Installed the coupling - refit all bolts on the water pump - make alignment and install allen key bolt - repaint and clean the plate	04/10/2019
44982	AC N.W - Secured hose on accumulator - refitted side and condenser covers - re-greased and check temp - bridged faulty AC pressure switch and ordered	04/10/2019
45027	AC N.W - Attend machine bring to WS lift bonnet and inspect AC hoses found possible leaking crimp @ compressor area - covered in fuel and dirt hard to tell - de-grease area test AC gas levels, ok compressor would not suction slight increase in discharge, diagnosed compressor u.s fit new, repair hose, fit new accumulator and dryer, change o-rings, vac down, pack up and hand over	04/11/2019
45045	Oil leak - Found oil leak from hyd line fitting removed replaced o-ring - refitted - tested all ok	04/11/2019
45200	Jack up and remove pos 2 - Checked machine and jacked up and removed pos 2 - Pos 2 wheel studs are shot and rim un-serviceable	04/12/2019
45231	Pos 2 mud guard fell off - Fitted pos 2 mud guard	04/15/2019
45251	Change oil - Check over - Check blade stabilizer - Checked engine oil - checked stabilizer bar balls worn out - Checked over machine - cleaned up after service	04/15/2019
45320	Pull out replaced pos 3 tyre - unit operational	04/18/2019
45369	Jack up and remove pos 2 - chocked machine and jacked up and removed pos 2	04/19/2019
45400	Broken steering pin on RHS rod end - Removed steering pin on RHS	04/20/2019
45450	Bonnet un aligned - Re- aligned bonnet - tried to put bolts on hinges (had come off) - handed over to night shift	04/22/2019
45451	Broken engine mounting bolts - Changed bonnet mounting bolts	04/22/2019
45471	Repair bonnet cylinder on moxy water cart - Fitted bonnet on moxy and take off lift cyl and ordered new part, looked everywhere - Needs a new cylinder installed	04/19/2019
45510	Inspect engine area- Raise hood manually - inspect engine bay for ant leaks - Inspect engine oil level and trans oil level - Run engine for oil leaks and test	04/24/2019
45546	not starting - Bonnet not opening - Injector cut out switch - Checked switch bonnet actuator removed now 1 ordered apparently	04/29/2019
45576	AC problem - Checked AC pressure	05/28/2019
45849	AC repairs - Removed AC hoses to condenser, remove oil cooler front of condenser removed condenser and replaced refit oil cooler but off AC fitting and replaced	04/30/2019
45867	Bonnet latch repairs - Removed bolts for hinge 2 broken boily welded and heated couldn't get out, fitted new brackets on bench fitted new bracket on bench fitted new bracket hinge assembly boily welded bracket - fitted actuator assy, find short in wiring for actuator replaced circuit breaker and wiring - fitted inner door latch, fitted outer door latch	04/30/2019

45974	desc- oil leakcomment- inspect - found broken hydraulic hose- make new hose- install run up and test - all ok- drive to workshop- wash truck- found air compressor smoking	05/02/2019
46013	Fire Suppression System Service - Service Trucks 12 Monthly	04/17/2019
46252	Articulated Water Truck Caterpillar 740 500hr service (3500 HRS Serv)	05/14/2019
46341	Seat dampener u.s - Replaced seat dampener - test seat all found other dampener u.s - ordered other dampener	05/18/2019
47069	Hand rail broken - removed hoses off tank and refit sprinklers - Hand rail snapped RHS front up right and plate joining hand rails together - rewelded	06/22/2019
47765	Wipers n.w - door hard to open - found fuse missing - lubricated door catch	12/10/2019
51701	Installation of pos 3 tyre - assist wes with install	05/13/2020
54740	Steering oil leak - RH cylinder fitting was leaking - replaced leaking oring - refilled oil - all ok	01/16/2020
54742	No sprays - replaced blown fuse - test drive around WS ok	11/23/2019
54743	AC issue - Investigated issue - Found water and blockage in condenser - cleared blockage to allow water to drain	11/01/2019
54744	Refitted sprayer - removed bulk hose	11/04/2019
54746	Oil leak - removed bottom guard checked oil level	11/06/2019
54747	removed side panel and diagnose AC evap - blocked and blow out to clean overflow to vents - washed	10/27/2019
54748	Diagnose and removed old pipes repaired oil leaks remold pipe removed covers to check oil leaks removed bash plates - removed x 2 second hand pipe bracket of dump truck secure pipes	10/07/2019
54749	Checked oil leak - checked pos 4 wheel end leak ok to use	10/06/2019
54751	Replaced steer cylinders - removed and replaced steer cylinders - topped up steer oil	10/22/2019
54752	Oil leaks - bonnet issue - checked over all oil leaks - tightened and resealed - oil weeping from hyd pump - fitted actuator on bonnet - fixed bonnet hinges	10/21/2019
54753	oil leak - Make hose and installed	10/22/2019
54755	Changed pos 3 tyre - prep area - jack up truck - deflated tyre - removed tyre from rim	11/10/2019
54757	Rear work lights inop - inspected found wired corroded through cut out wiring re-secured and test all ok	12/17/2019
54758	Changed pos 3 tyre - prep area - Jack up truck - deflated tyre - removed tyre - and removed from rim	12/11/2019
54759	Fire suppression fault - repair sprays - exhaust and coolant leak - bonnet switch and wiring - Checked over wiring to suppression controller found it had no earth replaced earth wire and test finished 12 month suppression checked - replaced bonnet switch and repaired wiring to switch - repaired exhaust mount - checked lights and levels topped up trans oil look for new fuel tank mounts and ordered	11/18/2019

54760	Water spray n.w correctly - Checked and inspect hyd pump if working found its ok - checked spray valves for clogging its ok - Checked out suction line hose is shrinking when pump is accelerated (not enough water for spray output)	01/20/2020
54776	Repaired cracked trans oil hose - Refitted trans oil hose - refitted dipstick pipe, filled trans oil and started checking for leaks - fitted guards and belly plates - topped up hyd oil	01/19/2020
54778	Oil leaks under engine bay - check and test machine to find out where leaks come from found out trans pipe line is leaking - sent back to WS for clean up and set job up properly - removed trans pipe to cooler pipe line - Fix pipe crack with boiler maker	11/04/2019
54779	Door lock getting stuck up - Fixed door lock - fix exhaust pipe mount holder	12/11/2019
54780	Sprays n.w - Not engaging checked over and checked power ran out of time competed hand over	12/09/2019
54781	Park brake pressure fault - Recharged accumulator to 1400 psi park brake system pressure -s still low @ 2900 PSI (spec is 3500) but ok to use - already disengages park brake, park brake light always on even after bridging - traced wiring for pressure switch - found broken wire and fixed - test machine - fitted side cover bolts - tightened and replaced exhaust pipe bracket	12/07/2019
54783	Wipers n.w - Blown fuse and loose wiper repair	12/06/2019
54784	Gear issues - stuck in 1st gear - checked and troubleshoot wiring harness rob HMU and repair elec harness @ LHS rear ECM	12/05/2019
54785	Pos 4 tyre U.S ran flat - Drive to WS from prod - replaced pos 4 tyre with R/out - inflated and put on go line	10/28/2019
54786	RHS steering pin - Steering pin had broken - removed and replaced with new pin and bearing - fitted grease nipples and tell service truck operator	10/11/2019
54787	Eng coolant leak - Coming from pressure tank cap loose - refitted properly	11/08/2019
54790	Bonnet wont raise - get bonnet to raise was unaware of missing bolts - fell forward and bent the lift cylinder	11/11/2019
54791	Drivers door stuck - Free up door and lubricated - fixed rubber seal - test ok	09/25/2019
54792	Coolant leaking from tap - Radiator cap was not sealing on neck - repaired test all ok	10/08/2019
54793	Overheating complaint - Reservoir tank cap - has been replaced by Dylan - Checked coolant level - washed radiator ok - Plugged in CAT ET if spray is used continuously	10/03/2019
54794	Engine wont start - Inspected starting system and charging system and charging system - inspected isolator and E-stop switches	10/03/2019
54795	Hyd oil leak - pulled out and fab - installed water pump motor line	10/04/2019
54796	rear lights n.w - repaired green death behind plug for park lights (new deutsch plug fitted)- Replaced fuse for work lights circuit - replaced faulty work lights	10/05/2019
54797	Caution light and tail lights - caution light was to coolant got topped up from ST - tail light wiring the tap down the back was corroded away - repaired and still not working	10/05/2019

54799	Park brake wont release - bonnet no hinge bolt 0 Replaced missing bolt @ bonnet hinge (still need the strut on order) - Checked park brake pressure 0 psi - Accumulator pressure ok - Solenoid supply ok - replaced 80 L - still not ok - Removed fittings @ pump checked for metal debris none - checked pump outlet pressure 0 psi - replaced pump and test - pressure sits @ 2500 psi ok - sent back to work	10/14/2019
54800	Missing keeper plate bolt @ RHS steering cylinder rod end - Replaced plate and bolt torqued up and applied thread lock	10/12/2019
54801	Blown hose under the RHS - Checked and removed steering hose and make new and installed to the machine	10/15/2019
54802	Hyd oil leaks @ articulation - Checked oil leaks - tightened the fitting all ok	10/14/2019
54803	Radiator mounts (rubber) missing @ LHS exhaust pipe broken - Removed rubber mounts @ 388 and installed to 199 - Repaired radiator bracket - weld and repair exhaust pipe and brackets	10/13/2019
54805	Work light fault - Went to go line LHR work lights were not working could not access lights as there is no hand rails - take truck to WS and checked for power at lights wires had broken stripped wires back and rejoined checked operation all ok - handed back	10/14/2019
54807	Park brake wont release - Checked system pressure only 2300 psi (spec 3500 psi) accumulator only 200 psi (spec 1400 psi) -Recharged accumulator pressure - new pressure 1200 psi - park brake releases but park brake light stays on - checked pressure switch - Bridged it - no good - Hand over to next shift to check pressure switch circuit - Nitrogen only goes up to 1200 psi	10/12/2019
54808	Steering cylinder faulty - Perform prestart and test ran the machine	10/14/2019
54811	Warning light on dash - Inspected and found trans warning light on dash found trans oil - topped up all ok	10/15/2019
54812	Refit pos 2 wheel after mudguard repairs - Refit pos 2 wheel - torque nut to 375 lbft - fit retorque tag - Inflated tyre to 60 PSI - prestart	09/29/2019
54813	No power supply om ECM (no hand over) - Checked fuses and wiring - refitted fuse box and covers - regassed fire suppression while low on pressure - reconnected fire suppression switch - refitted side cover inside - Topped up hyd oil	10/10/2019
54815	Seat U.S - Replaced pin in seat base then put seat back in WC and test all ok	09/26/2019
54816	Park brake fault - Checked park brake pressures (0 psi) checked elec side of park brake found low voltage at plug, tracked wiring back to cab found bad wire repaired at cab connector - repaired wire and test ran	09/14/2019
54817	Troubleshoot solenoid wiring intermittent - rewires and disconnected harness from solenoid park brake - test ran machine - sent back to go line	09/13/2019
54818	Wont start - Checked all control avoiding the engine start - test ran and unit operational	08/31/2019
54819	ECM fault - Connected earth to ECM relay checked over wiring - removed filler hose and patched - rewelded back on	09/15/2019

54820	Engine cutting out - Found IGN to be eng ecm was RV's started to find but ran out of time believe its in the cab somewhere - Elec fault - RH walkway broken - Fire suppression P/S bypassed - Oil leaks	06/08/2019
54821	AC repair - Replaced AC hose from compressor to accumulator replaced orings - flushed system replaced dryer put protective pigtail on AC hose - replaced AC hose clamp mount pressure test system and all ok - vac system add oil and leak dye - regassed system all ok - hose for hyd fan leaking above ac hose - bonnet hinge assy u.s - bonnet jack U>S	06/08/2019
54822	Bonnet latch repairs - condenser guard repair - Removed brackets for condenser guard - Cut off nuts and reweld new nuts and refit but panel to get to bolts for H-link assy for bonnet parts on bench - fit new hinge assy and removed other side assy	07/25/2019
54824	Removed and replaced RHS steering cyl pin and bushing - fab grease hose	08/02/2019
54826	Pos 3 tyre u.s bubbled - replaced steer cyl pin and take to WS pos 3 wheel jacked up and deflated - wheel removed and stripped - R/O tyre fitted to loose rim and bolted on torqued wheel to 350 lbft and retorque tag fitted	08/01/2019
54828	Break down - broken drop box uni joint - pulled out	05/15/2019
54830	Tyer pos 4 u.s bubbles / broken belts - pos 4 removed and R/O wheel ex 541 fitted and torqued 350 lbft inflated to 80 psi - retorque tag fitted - loose wheel stripped to be used on 541 steering - new tyre fitted	05/19/2019
54831	Checked over and retorque pos 3 - sent to go line	06/28/2019
54832	Charged accumulator brake with nitrogen - test brakes	06/28/2019
54833	Park brake stuck on - Inspected fault - test switch in cab - inspected power to solenoid intermittent power handed job over	06/25/2019
54834	Engine shut down - brake pressure alarm - Checked engine sudden shutdown found out fuel delivery switch fell off - fuel delivery switch is faulty - brake accumulator needs to be regassed	06/29/2019
54836	Repaired moxy water truck - Checked over repair cross bracket support in radiator - broken weld and missing bolt dismantled cover - repaired shift change leak - fab bracket - weld and cut - Installed cross support radiator - Installed cover washing truck - Conduct prestart - perform brake check and steering - take to go line operational - minor coolant leak	06/28/2019
54837	Oil leak - coolant leak - fixed coolant leak prep hose - fixed oil leak replaced oring - removed hoist pump	07/07/2019
54838	Engine stalls then no comms to ECM - found broken wire under cab going to ECM in main boom	06/08/2019
54839	Door wont open - pulled apart door and realigned everything put together and test ok	08/02/2019
54840	AC blower is not working - Checked fuse and wiring ok - repaired ground connection on top of cabin - sent back to work	07/02/2019

54841	Water cart repair - Pulled gear pump apart replaced oring reassemble pump fit back to truck plumb hoses - resealed valve body on motor side of drop box - reinstalled hoses - start to fit body panels and pins parts missing (cab pin cyirclip pin)	07/26/2019
54842	Retorque pos 2	09/03/2019
54843	Engine shut down - Plugged in laptop to check faults - removed air filters and housing to check and secured - engine wiring loom - repaired damaged wire on RH under cabin	09/09/2019
54844	Installed lock pin keeper in cab - fitted covers RHS and cover behind operator door, checked all oil levels and topped up hyd oil - removed broken bolts and replaced new bolts	09/04/2019
54845	Broken mud guard - removed wheel - fabbed and fitted bracket - fabbed and fitted reinforcement on edge - welded cracks in plate and painted	09/04/2019
54846	Start issue - checked e-stops found injector disable missile switch was on - close and started	09/14/2019
54847	Engine stalls then gets no comms to ECM	09/03/2019
54848	Stereo and oil leaks - stereo needs replacing -	09/05/2019
54850	Installation of sprinklers - done	09/12/2019
54851	Bonnet fault - Found bonnet switch U.S replaced all good	09/12/2019
54852	Engine hood wont go down and FM radio n.w - Checked hood wiring and switch - replaced FM radio	09/03/2019
54853	Seat fault - rear pivot for the seat mechanism had twisted accessed and sent to WS	09/03/2019
54854	Rear work lights n.w - Found broken wire - repaired one work light	09/03/2019
54855	replaced steering arm - removed pin from 338 fit to 199 - bearing arm shattered - pin was snapped in half	09/16/2019
54856	Radiator bracket flapping excessively - Rad bracket missing nut - other one is broken - replaced missing nut - rewelded missing nut and test all ok	09/16/2019
54857	Engine wont start - Inspected fire supp and test fire supp priming pump - topped up fuel	09/15/2019
54858	Checked condenser side - checked for blockage @ water vent - cleaned area	09/17/2019
54859	run out of fuel - bleed fuel system - checked all fluid levels	09/23/2019
54860	Faulty LHS door wont open - Stuck door lock - latch fixed - lubricated	09/18/2019
54861	Starting issues - Checked and troubleshoot faulty wire @ starter solenoid	09/20/2019
54862	Oil leak - Ran machine test where leak is coming from lift up bonnet strut motor n.w removed bolts hold bonnet strut motor - removed steel pipe line thats rubbing on bolt	09/19/2019
54863	Oil leaks - Elec fault - Removed hose from DS - pressure test - found no leaks - refitted and started tracing hood actuator fault	09/20/2019
54864	Oil leaks @ belly plate - removed belly plate and lift the bonnet - checked for oil leaks - trans pipe rubbing through	09/21/2019
54865	Bonnet tilt motor N.W - oil leak - Replaced missing breaker - replaced faulty relay of tilt motor - repaired motor wiring - retorqued loose transmission hose fitting	01/05/2020

54866	Engine overheat - checked the radiator fan working - checked coolant	01/02/2020
54867	Seat issues - Flogged out struts in seat base have only 1 x strut in stock - ordered new struts	01/02/2020
54868	Faulty seat switch- Test wiring and found no power - checked wires and found crushed power and earth cords - Cit and soldered wires - fixed positive wire terminal - Rerouted wires - replaced broken plastic plugs for seat boot - filled up hyd and trans oil	01/02/2020
54869	No horn - Checked fuse - checked positive supply - soldering wire to connect	01/03/2020
54870	Replaced UHF antenna - Diagnosed isolator fault - Removed interior roof liner and removed old UHF antenna - removed paint so antenna had earth contact ran new antenna - reassemble cab - test - diagnosed isolator fault as switch stuck on internally	01/04/2020
55252	A/C Faultchecked a/C Blowing cold Air . Couldn't Fault	01/16/2020
55253	Oil leak Removed Hoses , Made Hoses, Installed Hoses	01/18/2020
55254	Wheel End Repair P2	01/19/2020
55255	Brake, Spindle and Wheel Assembly	01/19/2020
55304	4000HR Service (Awaiting Service Sheet 29.9.2020)	01/21/2020
55429	Fire Suppression System Service - Water Trucks 6 Monthly	01/22/2020
55986	Blown hose @ hyd line	03/09/2020
55990	Repaired broken RH steer cylinder pin and bush	03/09/2020
58746	Trans fault - Seat fault - Bonnet fault	09/29/2020
59061	Hyd oil leak (trans pipe)	05/27/2020
61197	Trans leak - Broken steering cylinder pin	11/18/2019
61198	Drained torque converter sump resealed 4 pcs oring cover - installed starter relay	04/12/2020
61199	Engine overheat	01/23/2020
61200	Repaired broken brace behind cab assist with tank mount removal	01/24/2020
61201	Repaired up and down for bonnet - Fit new pipe clamps - Repaired hyd oil cooler pipe	01/24/2020
61202	Fire supp alarming	02/05/2020
61203	Fit pipe clamps - Tank mounts - Fill trans	01/09/2020
61204	Re-torque pos 1	02/06/2020
61205	Some light n.w	02/08/2020
61206	R & R windscreen	02/09/2020
61207	Oil leaks - Reseal steer and removed brake cooling hose	02/06/2020
61208	Repaired ac cover	03/19/2020
61209	Assembled and fit wheel hub pos 1	03/18/2020
61210	Brake system fault issue	03/18/2020
61211	LHS sprayer fault - Not spraying 100 %	03/07/2020



61212	Recovery of machine - Front LHS hyd oil leak @ duo seal	03/13/2020
61213	Faulty pos 1 brake (Failed)	03/11/2020
61214	Oil leak brake cooling hose	02/21/2020
61215	Wheel end repair (Brake spindle and wheel assembly)	02/20/2020
61216	Hyd oil leak - Hoist pump seal	02/21/2020
61217	Repaired bonnet tilt fit new switch R & R wiper blades	03/11/2020
61218	Checked why FS system has lost pressure but not discharge	03/15/2020
61219	Steering cylinder pin failure	03/10/2020
61220	Fan steel pipe leaks	03/15/2020
61221	Oil leak - Eng cover needs to be dropped to fix leak	03/14/2020
61222	Washed out radiator	03/14/2020
61223	Oil leaks - Replaced leaking hose	02/20/2020
61224	Bonnet fault wont lift	02/16/2020
61225	Oil leak @ LHS steer cylinder	02/11/2020
61226	Door lock stuck	02/13/2020
61227	RH steering pin snapped	02/11/2020
61228	Oil leaks - Removed all hose in LH	02/15/2020
61229	Blown hose - make and fit new one	02/17/2020
61230	Overheating - wash out radiator - blow out air cleaners	02/16/2020
61231	Make spacer plate for steer cylinder pin keeper	04/26/2020
61232	Bonnet wont go up	04/27/2020
61233	Refit repaired trans hose (trans oil leak)	04/26/2020
61234	Hyd oil leak - Crack in hyd pipe	03/28/2020
61235	UHF fault	04/12/2020
61236	Refit belly plate and side radiator cover	04/14/2020
61237	Door fault & hyd oil leak	01/29/2020
61238	Carry out 6 month fire supp	01/28/2020
61239	Checked lights and AC	04/04/2020
61240	Removed broken bolts and reassemble bonnet hinge assy	02/09/2020
61241	Door stuck	01/25/2020
61242	Checked over - Checked oils	05/18/2020
61243	Bonnet repairs and defects - Fit articulation bump stops - fitted chain to bonnet to prevent over extension	05/18/2020
61244	Clean and fit belly guard	05/12/2020

61245	Oil leak - Leaking pipe	05/18/2020
61246	Trans fault - Will not select gears	05/18/2020
61247	Pos 4 flat	05/17/2020
61248	Engine wont start - Pump and bleed fuel system	05/12/2020
61249	Air bag in seat n.w	05/09/2020
61250	Wont start - loose bolt on starter motor	05/07/2020
61251	Torque converter fault - Grounded volts sensor supply - Oil leaks	05/08/2020
61252	Window repairs	04/25/2020
61253	UHF issues - Take uhf from 309 and install	05/28/2020
61254	Trans temp fault at go line	05/31/2020
61921	Gear shift fault	06/10/2020
61922	Oil leak - removed starter and repaired oil leaks	06/09/2020
61923	Rear light n.w - Trans temp high	06/09/2020
61924	Oil leak coming from front of engine - Cleaned and inspected	06/10/2020
61925	Oil leak - Inspected leaks - checked all fluid oil levels	06/12/2020
61926	Wont start - Find starter motor bolts loose - tighten and started	06/11/2020
61927	Overheating - Dash lights n.w	06/09/2020
62412	Repaired hand rail - Removed not working grease pump capped hyd hoses - repaired broken walk way as that was cause for broken hand rails - repaired hand rails and prestart and sent to go line	06/22/2020
62633	Start fault - Tighten battery terminals -	06/24/2020
62634	Park brake not working - Checked park brake function - Went to adjust park brake pads worn out service brakes are ok drive truck to WS empty out water on the way - checked stock for new parts - out of stock ordered new parts needed	06/28/2020
62635	Wont start. Checked battery voltage - low - Checked belt - Jump start ok 0 Checked charge 28.2 V	06/25/2020
62881	Oil leak LHS of engine- Oil leak on LHS of engine - Removed oil sample port on top of brake oil pump and changed fittings, adapter and ports and oring	07/03/2020
63286	Start trouble - Checked battery charge 25 V - Repaired battery cables loose connection and replaced cable lug and terminal of right hand side battery (positive side)	07/14/2020
63287	hydraulic issues with water pump drive motor28/08/2020 - Install flow control valve - Removed fittings from old flow control valve, cleaned and installed into flow control valve and installed assembly onto machine and tested.	07/06/2020

63716	Wont start. & Replaced cab mount Removed exh fan from back of cab - removed pins for cab mounts on RHS had to oxy out the failed bush - handed over 29/8/2020Checked wiring for any open and start wiring on dash board and fuse box, Replaced one relay for fire supp bridge fire - supp sensor faulty trouble shoot engine cutting off and ignition 29/8/2020Check and repair wiring on start relay and test ok	07/21/2020
63750	wont start02/09/2020 - Machine won't start, at production go-line - Found that there is no negative on fire suppression relay, rewired fire suppression module, rewired UHF, found that fire suppression pressure switch is faulty.	07/22/2020
64066	repair mudguard03/09/2020 - Repair hole in mudguard, cut rusted holes out of mudguard, cut 3mm checker plate, bolt to guard.	07/22/2020
64899	Cooler mounts and brackets.03/09/2020 - Replace rubber mount on cooler - Fitted covers, welded mounts around cooler03/09/2020 - Repair radiator supports - Removed side panels and supports, welded up supports, refitted supports and panels15/9/2020Checked folder for any parts ordered machine and do parts order and check machine to any parts that need to prder put side cover on pallet and put mark on it	08/27/2020
64914	2000h service13/09/2020 - Fixing defects - Resealed transmission solenoids, fit new pin in rear L/H cab mount & new retainer pins, cleaned connections and plug for tail/brake lights and got them working.14/09/2020 - fixing defects/mech checks - fit new mount/pin/retainer pins under RHR of cab, fit new pins/retainer pins to RHF of cam mount, completed mech checks as per service sheet.	09/14/2020
65132	Fire Suppression System Service - Water Truck 6 Monthly	09/01/2020
65133	Torque tyre (pos 6)	09/02/2020
65208	Removed seat - Removed and installed to 388	09/02/2020
65499	prep for off siteSwap seat from another truck to 199 and fit rear exh extension	09/14/2020
67240	Install Engine C/O	11/02/2020
67966	Repairs & Inspections Test ran unit to monitor temperature of hydraulic motor vs brake cooling. Hooked up EF, re-connected wire of solenoid for hydraulic fan motor. Replaced return filter of hoist system. Test ran unit. Pulled out hydraulic motor.Checked water pump drive motor and aligned the mounting. Inspect screen filter and cleaned.diagnose water pump spray sometimes not working(possible cause hyg oil overheating need to relocate hyd pump inside the water tank)replaced PTo switch & tested water sprayerset up hyd hose mounting inside water tanks, repair water truck leak Replaced evaporator, dryer & accumulator, vacuumed, regassed 1.6kg gasTested all good	11/22/2020