



Plant & Vehicle Maintenance & Repairs

Asset Number: CO222		Registration Number: CB32ZQ	Serial Number: JALFVZ34PE7000447
Make: Isuzu	Model: FVZ1400 Watercart		Date of Manufacture: 2014
Date	Hr / Kms	Work Conducted	Responsible Person
12/09/2015		Repair RH batter spray valve.	TG
6/01/2016		Clean out water tank and pipes to remove gravel.	TG/GC
22/01/2016		Refer Tristar Industries Pty Ltd Invoice J26219	Tristar
17/02/2016		Refer to Airpower Invoice DUCS53293	Airpower
21/04/2016	1323	Repalce 4" suction inlet butterfly valve.	TG/GC
2/08/2016		Service due 22/07/2016 - Airpower.	TG/GC
4/08/2016		Refer to Airpower Invoice DUCS54686	Airpower
11/08/2016		Refer to Hosepower Invoice 30981	Hosepower
30/09/2016		Reapir noisy air con fan.	GC
26/10/2016		Refer to Airpower Invoice 167480	Airpower
28/11/2016		Check air switch fault. Pump Drive. Tested ok.	TG/GC
12/01/2017		Refer to CJD Equipment Invoice 1469097	CJD
13/01/2017		Replace 2 way radio.	GC
8/02/2017	1924	Check transmission oil and found contaminated by water, flush transmission with new oil, clean interior of cab.	TG/GC
9/02/2017	1924	Check oil and change again. Refill and test. Drop off to Airpower 2,000 service.	TG/GC
10/02/2017	1924	Fit transmittion breather. Extention of remote mount.	TG/GC
10/02/2017	14966	80,000 KM Service & repairs lights as per Airpower Inv DUCS56047	TG
10/02/2017		Transmission Breathers refer Hosepower Inv 45837	TG
30/03/2017	15003	Grease & inspect, make list of faults	GC
29/06/2017	2237	#101 Remove air con fan and ducting, clean condensor and reassemble	
4/07/2017	17665 km	Repair air leak on cannon	SS
5/07/2017		Removed flag, inspected oil leak, all OK	MM
15/07/2017		Fit air cab gun	MM
18/08/2017	2427	Fix loose wire on PTO switch	SS MM
31/08/2017	19829	Repair gear select console	TG
10/10/2017	20271	Repaired reverse camera	TG MM
25/10/2017	20363	Removed and replaced both front tyres, and rear outer tyre	BO
18/12/2017	20945	Change flat drive tyre	TG BO
19/12/2017	20945	Removed and replaced LHR drive tyre	BO
17/01/2018		Service - engine oil and filters and grease	TG GC
13/02/2018		Repairs to replace pump on water truck	SS
14/02/2018		Fit new hydraulic motor	SS MM

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12/03/2018	21923	Replace wiper blades	
14/03/2018	21989	Inspect PTO leak, remove PTO, clean and refit	BO GC
16/03/2018	2761	Fit PTO pump	GC
23/03/2018		Fit new hydro pump	MM
25/05/2018	23274	Welding repairs on tank for water truck	SS
25/06/2018	2946	Weld support braces in baffles	TH SS
25/06/2018	2946	3000hr service complete	TH SS
25/06/2018	2946	Replaced Hydraulic suction hose valve	SS
10/07/2018		Fit new 11R22.5 tyre. Arno's invoice 170065	Arnos
4/09/2018	10224	Fit new LH headlight globe	TG
09/24/2018	3045	Repair water cannon, fit new reverse beeper, repair hyd tank oil leak	SS
09/24/2018	3045	Replace fronr r/h hub oil fill cap.	TG
09/24/2018	3045	Removed blower fan unit, washed out evaporator core	TG
01/07/2019	3101	Repair hyd oil tank suction line oil leak. Replace double check valve brake system, repair hazard lights, repair IVMS buzzer	SS
04/04/2019	3295	250hr service, engine oil, and filter change, grease, clean and wash	TG SS
06/17/2019	3509	500 hour service, engine and oil filters, fuel filters, air filters, adjust a/c belt. Drain and flush hydraulic system, fit new seal kit to hyd controll valve. Test, ok. Replace hydraulic filters	TG
08/21/2019	3773	250 hour service, changed engine oil and filter, fuel filters. Re fit LH steer tyre after puncture repair	TG
11/01/2019	3994	Check batteries charge, replaced batteries	TG
11/19/2019	3994	4000 hrs service, changed engine oil and filters, fuel filters, changed diff oils. Oil sample of transmission. Also replaced upper tail light assemblies, repair light assemblies and replace globes, number plate lights.	TG
04/28/2020	4006	Change out 1 x drive tyre RHR for puncture repair	RN
05/18/2020	4075	Replaced windscreen wiper blades.	
05/26/2020	4075	Isri seat agent replaced ride height control valve for seat	TG
09/09/2020		Inflate tyres, a few low on air	SS
09/12/2020		Reconnect cut wiring on IVMS and disconnect fuse ready for switching	SS
10/16/2020	4129	Replaced RH headlight bulb	SS
10/16/2020	4129	Changed hydraulic oil and filters	TG SS
11/19/2020	32528km	Replaced valve at rear of chassis.	SS
02/18/2021	4283	250 hr service completed at Nebo. Oil change, grease and replaced power steering reservoir fluid	SS
05/25/2021	4323	Repaired radio button which was stuck on channel lock	SS
07/27/2021	4421	Repaired passenger side middle clearance light	
07/12/2021	3284	Replaced 1 air actuator LH drop bar	TG
09/06/2021	4450	Flat drive tyre, replaced with run out	TG

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09/07/2021	32,959	Removed exhaust muffler, sent out to Muffler City to have elbow welded in place of old rusty one. Refitted to watercart	
09/07/2021		Replace Tyre 1 x SH 11R22.5 Drive Tyre Refer attached Inv 77560 NT Tyre	TG/NTT
11/11/2021	4,527	Completed 500hr service, changed engine & filter, changed fuel filter, pump up steer tyres, adjust A/C belt	TG
11/11/2021	4,527	Check for air leaks, repair air leak at drop bars	TG
20/01/2022	4,693	Check & repair air leaks at butterfly valves	SS
29/03/2022	33,924	drop bar cracked. Welded up crack	TG
29/03/2022	33924	Fault, low spray pressure, remedy. Replaced hydraulic pump & motor fit new tank filler cap and breather. Replace mechanical seal in water pump	TG
26/04/2022	4751 hrs	Replaced x 2 air soleuoids for cannon up/down	SS
18/05/2022	4889	Tightened loose mirror on water truck	SS
23/05/2022	5120	JN#3051 - 23/5-Drop to NT tyres for 7 x new drive tyres and 2 x new steer tyres	SS, NT tyres
23/05/2022	5120	JN#3051 - Replaced beacon above the Cab & water level pipe replaced.	SS
3/06/2022	4998	Replaced RH headlight globe	SS
6/06/2022	4998	1000 Hr service, changed engine oil, trans oil, fuel filters, air filters	SS/GC
23/06/2022		JN#3065 - Replaced H4 globes in headlights.	SS
25/06/2022	5120	JN#2942 - Replaced beacon above cab.	SS
8/07/2022		JN#3085 - Replaced two switches in control box for left & right cannon movement.	SS
28/09/2022	5273	JN#3200 - Completed 250hr service, changed eng oil & filter. Replaced a/c belt.	TG
28/09/2022	5273	JN#3108 - Removed & replaced broken FRH mudguard.	TG
18/11/2022	5313	Replaced front and rear beacons	TG, SS
19/12/2022		Replace tyre non stock 2nd hand EAC refer att NTT Inv 84149	NTT
9/01/2023		Air guage may be sticking on ocassion, working fine.	TG
10/01/2023		Removed stones from batter spray	TG
13/03/2023	5460	Replaced 1 air switch for leaking batter spray (centre). From Tez diary	
27/04/2023	5491	Brought back to Nebo, remove air drier and re-kit, re-fit, tested. All OK (brake sticking issue)	TG, SS
20/06/2023		2 x Yok 295/80R22.5, strip, fit & disposal Refer Inv 85940	NTT
30/06/2023	5570	JN#3403 - Completed 500hr service, drain and replaced eng oil, replace filter, greased track, replaced both fuel filters	SS
10/07/2023	5588	Repair rear right clearance light and 1 cab clearance light (replace bulb)	workshop
25/07/2023		Check engine light on, low & fluctuating boost refer att TPS Inv 1113	TPS
27/07/2023		Swap over 3" fittings for drop bars to 4" fittings and flange plates, assemble and prepaire for Andrew to paint	
31/07/2023	5626	Remove air switch panel and drop off to abfab to make up new panel to suit single acting air switches	workshop
1/08/2023	5626	Fit new drop bars, fit new batter spray switches and console, tested truck and found that sprays have low pressure, further investigations needed	workshop

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2/08/2023	5626	Check speeds, running slow, check pump and motor specs, remove and cut open filters, found metal. Disassemble pump and motor, small amount of scoring. Remove control valve for disassembly			workshop
3/08/2023	5626	Re-assemble pump and motor both still servicable, disassemble and inspect control valve, observed wear on relief valve spring from frequent operation, re-assemble and fit, install pressure guage in pump inlet line, reading 1200 psi at idle, adjust relief pressure 2000 psi. tested OK			workshop
22/08/2023	5655	Replace wiper blades			workshop
5/09/2023	5673	Replaced 1 x air switch. Repair air leak at LH drop bar			workshop
28/09/2023	5737	Coolant overflow container changed on watertruck			workshop
6/10/2023	5737	Remove ROPs, wash, clean and get truck ready for painting			workshop
16/10/2023	5737	Remove tyres at Betapave for spray painter			Serg
18/10/2023	5737	Pressure wash chassis			Serg
3/11/2023	5761	Fixed light covers on both sides			
15/11/2023	5761	Completed 250 hr service, changed engine oil and filters, blew out air filters, replaced exhaust bracket belt, repair cle			workshop
31/01/2024		Replaced drivers side mirror control switch			workshop
1/02/2024	5816	Air guages were reading high so start and build up air, run into workshop, disconnect and install T piece into tank inlet line with mechanical guage to test pressure, running up to 120 PSI, in spec, remove dash and instrument cluster, swap over with instrument cluster from CO283, air guages reading correctly, request quote from CJD for			workshop
1/02/2024		Replaced drivers side mirror control switch			
8/02/2024	5816	Changed instrument cluster, fault guages reading incorrectly, need to keep record of Km's (40,592)as new cluster starts at zero, hours are OK as stored in engine ECU			Workshop
29/04/2024	5874	Removed globe & found to be US, replaced globe & tested ok (RH headlight)			workshop
1/05/2024	5876	Removed A/C fan from evaporator assembly, blow out dust & wash out evaporator, reassemble & tested ok, job com			workshop
12/06/2024	6042	Replaced two solenoid air valves, (left & right movement) tested ok			
21/06/2024	6081	OBS-1463 Inspected booster leak, booster U/S, replaced brake booster & seized slack adjuster, adjusted brakes & tested ok			
25/06/2024	6089	Drivers side window fell out of place. Replaced with a territory windscreens window.			Territory Windsc
10/07/2024	6139	Cut off all battery lugs, recrimp new heavy duty lugs and fit new brass heavy duty battery terminals			Serg
11/07/2024	6139	Fitted Isuzu N100LMF Batteries Refer Att CJD Inv 1075023			CJD/Serg
31/07/2024	6168	1000 hr service, topped up fluids, checked driveline oils, replaced engine oil, oil filter, blew out air filter, A/C filters, re			Serg
31/07/2024	6168	Repaired weep on tank sight glass.			Serg
2/08/2024		Repairs to paint damage on water tank rear RH side.			workshop
9/09/2024		Recalibration of speedo			CJD
16/09/2024	6307	Deliver to CJD for speedo calibration re-set, Bryce entered speedo calibration code & test drive, speedo reading better than before but still not correct. Went back into cjd 19.9.24 Changed refer to att CJD Inv 6531282			CJD
18/09/2024	6311	Replace air fittings for slew cylinder on water cannon and repair split hose.			workshop



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4/11/2024	6397	Replace left and right front diff brake boosters	workshop
4/11/2024	6397	Repaired radio handpiece.	workshop
9/12/2024		Air system dropping.	workshop
9/12/2024	6467	Replace rear left relay valve	workshop
24/02/2025	6578	Fit air regulator for water common	workshop
25/02/2025	6578	500hr service - changed engine oil and filter, fuel filter, air filters, engine fumes disposal filter, adjust belts	workshop
13/03/2025	6604	Mount soleroid switches into box, fit new 6 pin hose connector, and new hoses refit to truck and connect wiring	workshop
14/03/2025	6604	Repair front beacon wiring, repair air leak at air switches in cab	workshop
18/03/2025	6604	Finish hook up cannon air lines.	workshop
19/03/2025	6604	Inspect for air leaks, repair	workshop
15/04/2025	6604	Grease and adjust water canon action	workshop
9/05/2025	6616	Truck went into limp mode, DPF wouldn't burn off, found DPF shut off valve was half stuck	SS
12/05/2025	6616	Removed DPF muffler, stripped & washed out with water, re assembled DPF muffler & re-installed, carried out forced re-gen on system..procedure went on for 2 hrs. Test drove for 1 hour all good	SS
25/06/2025	6673	DPF fault repaired at CJD as per Invoice	CJD
25/06/2025	6536	Changed engine oil and filter due to fuel dilution	Tez