

Plant & Vehicle Maintenance & Repairs

Asset Number:	CO250	Serial Number:	CAT0336EKTMTZ00227
Make:	Caterpillar	Model:	336EL Excavator
		Year of Manufacture:	2013
Date	Hr/Kms	Work Conducted	Responsible Person
10/12/2015	2483	Change engine oil. 500 hrs on oil.	TG/BH
10/16/2015	2492	500 hrs service.	TG/BH
12/05/2015		Replace tilt hose.	GC
02/01/2016	2625	Repair leak at hyd hose on grab attachment.	TG
04/27/2016	2823	Replace O ring and tighten hyd hoses at swivel for track drive motors.	TG/GC
04/28/2016	2823	Remove blown hose. Hosepower repair hose fitting. Replace hose and test.	Hosepower
06/07/2016		Replace cutting edge.	TG/GC
06/14/2016	2874	Inspect air con. Clutch. Clutch ok. Air con not working. Temp E error on screen.	GC
06/15/2016	2876	Remove teeth and edge ass. Fit 2 new standard teeth.	GC
06/15/2016	2887	Hastings inspecting air conditioner. Parts on order, Refer to Hastings Deering Invoice AS300038104	GC
06/20/2016	2900	Jump start machine, check terminals and charge rate.	TG/GC
06/21/2016	2906	Fit new batteries. Refer to Hastings Deerings Invoice AP300548497.	TG/GC
06/22/2016	2918	Fit new hand piece. Fit hammer to 335 Excavator. Check fittings. Fittings need to be changed. SAE to JIC.	TG/GC
06/24/2016	n/a	Change hyd line fitting on rock hammer.	TG/GC
06/29/2016	2926	Hastings. Replaced A/C condensor fan.	
06/30/2016	2933	Fit auger. Change hyd hose connectors. Test and adjust. All ok.	TG/GC
07/06/2016		Refer to Hastings Deering Invoice AP300038116	Hastings
07/18/2016	2961	Go to Easy Quip Hire, pick up auger, fit to machine.	GC
07/19/2016	2968	Inspect faulty switch.	GC
07/25/2016		Refer to Hastings Deering Invoice AP300552291	Hastings
07/30/2016	2990	Start 1000 hrs service. Change all filters and drain oils.	TG/GC
08/02/2016	2990	Finish off 1000 hrs service. Fuel and grease.	TG/GC
08/03/2016	2990	Change hydraulic oil.	TG/GC
08/11/2016	3001	Sent to Hastings for RH boom cylinder re-seal and RH control handle replace and switch test.	TG
08/12/2016	3001	Fit new joy stick handle. Test. (Hastings Berrimah).	TG
10/19/2016		Refer to Hastings Deering Invoice 40100008275	Hastings
01/19/2017		Refer to Hastings Deering Invoice	Hastings
04/03/2017	3196	Travel to Gravel Pit, rotate cutting edge & fit new bolts, check & measure bolts for Hydraulic hose bracket	GC
04/04/2017	3200	Fit bolts to Hydraulic hose bracket, refit brackets & tension all bolts	TG
06/22/2017	3408	Fit new cutting edge tilt bucket & quick couples	SS / TG
06/28/2017	3438	#89 Replace stick extension hose	TG
07/10/2017		Turn cutting edge	MM
07/19/2017		Engine oil and filter change	TG GC
08/04/2017		All good - centre pin on tilt bucket not taking grease, new cutting edge needed	MM
08/09/2017		Replace bucket edge	TG GC
08/10/2017	3620	Change engine oil, change fuel filters, repair RHF indicator, 500hr service	TG

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08/12/2017	3628	Fit rubber shroud	TG MM
09/25/2017		Rotate bucket edge	SS
10/10/2017		Inspected oil leaks	TG MM
10/26/2017	3775	Replace oil filter oring	SS GC
11/07/2017	3785	Fit rock hammer and recalibrate pressure and flow rates	TG
01/15/2018		Replace secondary fuel filters	TG GC
01/23/2018	3862	Inspected machine for over heat, test found OK	BO TG
01/24/2018	3862	Inspected and ordered boom hoses	BO TG
01/26/2018	3862	Replaced window washer bottle	BO
02/01/2018	3869	Inspect a/c issue. Condensor fan u/s, parts ordered. Fit new condensor fan	BO SS
02/07/2018		Top up hydraulic oil	TH
02/08/2018		Replace stick hoses	GC SS
02/09/2018		Finish fitting hyd hoses, test and check for leaks	GC SS
02/16/2018	3902	Fix a/c vents. Invoice 1338	Ellis
02/19/2018	3912	Cleaned out cooling package	BO SS
03/13/2018		Engine oil topped up	MM
03/23/2018		Inspect rock hammer, fit rock hammer and manual (??) greased	TG MM
04/04/2018	3981	Complete 4000hr service, remove and replace main hydraulic hoses to valve body, inspect and readjust tracks, replace all front light globes	BO GC
04/21/2018		Inspect ram oil leak	BO GC
04/06/2018		Hastings invoice 40100116796 - Machine overheating. Replace parts to fan hub	Hastings
07/10/2018	4156	Replaced batteries	GC SS
07/16/2018	4150	Remove main lifting rams, deliver to Hastings for service	TH TG
07/19/2018		4 Hyd hoses, Hastings invoice 2011429075	Hastings
07/19/2018		Oil leak - Hastings repair worn seals. Invoice 40100138959	Hastings
08/08/2018		Replace bucket teeth and locking pins	TG
08/16/2018		Hosepower inv D54562 for replace hose on tilt bucket	Hosepower
12/10/2018	4242	250 hr service, replaced cutting edge, wash track body's	SS tg
05/21/2019	4262	Check a/c fault, high head pressure. De gas system, replace condensor and TX valve, re gas, Test OK	Ellis Auto
08/22/2019	4354	Purchase seals and fittings to pressure test auto greaser hydraulic hose and coupling. Found faulty hydraulic hose fitting, replace hose	TG
09/05/2019	4450	Windscreens Territory manufacture 1 front lower windscreen from perspex	TG
10/01/2019	4505	500 hour service, change engine oil filters, fuel filters, hyd filters, inspect window, OK until end of job	TG SS
11/05/2019	4515	Replace slew motor hydraulic hose, Part # 325-9106 Job 705	TG
11/13/2019	4520	Remove & replace front window, window glass fitted by Windscreens Territory	TG
12/16/2019	4620	Replace hydraulic hose for quick hitch, check AC adjusted gas charge, fit 12V condensor fan for test	TG SS
07/08/2020	4736	Test batteries, jump start and test charge rate. Remove and replace batteries.	TG
07/12/2020	4750	250 hour service replaced filters	TG

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07/14/2020	4764	Check condensor fan, found to be faulty, replace fan and test OK	TG SS
08/17/2020	4816	1kg fire ext in cab, not fitting, Make bracket to fit	SS
09/01/2020		Make up pressure washer mount plates for Erkat dust suppression	SS
09/07/2020	4827	Topped up Hydraulic oil	SS
10/15/2020		Unseized nipples for pins to take grease	SS
10/15/2020	4960	Serg ordered parts 22/9. Replaced cracked hydraulic hoses	SS
10/13/2020	4956	Wire up 24V water supply pump, Hosepower plumbed up pressure washer pump and Erkat. Hosepower Scott set pressures and flow for Erkat and tested operation	SS TG
10/15/2020	4970	Changed over hydraulic motor fan and washers	SS
10/29/2020	5009	5000 hr service, all oils sampled, replaced, replaced filters. Sample fluids	SS TG
11/10/2020		Tightened tilt bucket hose fitting	TG
12/08/2020	5145	Remove and replace fuel level sender in tank	TG
12/12/2020		Replace boot on ripper attachment	SS
01/14/2021	5201	Fit 24V thermofan to condensor for A/C	SS
01/14/2021	5195	Replaced broken hose on quick hitch	SS
02/22/2021	5331	250 hr service complete. Change oil and filters, grease up and blow filters.	TG/SS
02/19/2021		Replaced teeth on Erkat	TG/SS
03/31/2021	5425	Fit new washer bottle	SS
03/22/2021	5384	Replaced hyd hose for quickhitch at boom base	TG
04/22/2021	5503	500 hr service, replaced engine oil & filters, fuel filter, repaired coolant leak on overflow tank hoses, took all oil samples	SS
08/23/2021	5664	Blown hose - Replaced Hydro Hose, made specialy by hose power	TG
08/30/2021	5669	Blown hose - Replaced hose coming off LH main boom line	TG
09/20/2021	5685	Hose replaced on slew motor	
10/02/2021	5733	Machine greased and filters blown out	KS
11/01/2021	5766	250 hr service complete, change oil and filters	TG
01/11/2022	5866	Topped up Hydro Oil, inspected platform OK, fit machine hours sticker	TG
03/22/2022	6083	Leaking valve, removed valve, replaced damaged fittings & reassembled	TG
02/21/2022	6108	Complete 2000hr service. Changed engine oil, final drive oil & slew drive oil. Replace all filters.	TG / SS
05/25/2022	6183	Window tint will be replaced when machine returns to Nebo Rd. Authorised by S Chapman	SS
14/07/2022	6284	JN#3135 - Repaired leak on erkat, O'ring on hose blown & resealed fitting	SS
28/07/2022	6291	JN#3132 - Completed 250hr Sve, sampled engine oil, replaced engine oil & filter. Blew out all air filters & cab filters for AC, blew out all coolers	TG / SS
08/11/2022	6300	JN#3171 - Fault, blown hyd hose. Replace 2x auxiliary hoses from main pump.	SS
09/09/2022	6363	JN#3192 - Fault, Hydraulics stalling eng. Repairs as per TPS invoice. Refer to Inv 0548.	TG SS
26/10/2022	6370	JN#3237 - Replaced wiring harnesses, clean out DPF, re-seal pump coupling, re seal lift cylinders, re-install refer Inv 0600 T	TPS
10/31/2022		Strip & tint 3 x windows - refer WT Inv 792 att	WT
11/04/2022	6370	JN#3251 - Remove boom lift cylinders, taken to Hosepower to be re-sealed & fitted refer to att Hosepower inv	TG/HP

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11/01/2022	6370	JN#3231 - Flashing light tested OK	TG
11/14/2022	6378	JN#3263 - Replaced fittings at quick hitch, remove & fit new hose for pilot check valve at base of boom	TG/SS
11/07/2022		Main Hydro pump & reseal mounting joint refer att Inv 0622 TPS	TPS
11/03/2022		2 x Lift cylinders to be resealed, kits supplied x EAC refer att Inv INO53487 Hosepower	HP
11/18/2022	6393	Top up hyd oil	SS
12/09/2022	6485	Replaced male quick coupler for remote hydraulics, replaced blown hose on quick hitch	
12/01/2022	6579	Replaced blown hose in engine bay	TG, SS
01/13/2023		Changed all fuel filters, drained fuel tank, refilled clean fuel	TG, SS
01/31/2023	6628	Complete 500hr service. Changed oil and filters, sampled all fluid compartments.	
01/31/2023	6628	Remounted aftermarket condensor fan	
01/31/2023	6628	Adjusted wiper arm linkage	
02/16/2023	6648	Changed fumes dispersal filter	TG
03/28/2023	6719.6	Boom function stopped working refer att TPS Inv 0865	TPS
04/03/2023	3357	30/3-Pick up ECU from HD, drop off to TPS, John install. 3/4 - tested wiring and solenoid coils for low current faults, found OK, found faulty ECU, replaced ECU with re-mon ECU, reinstalled software into ECU and tested OK, reassemble.	TPS and TG
04/18/2023	6754	JN#3369 - Wont start, no signal at starter motor, checked output from key OK, fuses OK	TPS and TG
04/19/2023	6754	JN#3369 - Wont start, no power to starter motor, checked power at key. OK. Checked all fuses. OK. Tested power back from key and found no power to machine systems ECU. Found fuse faulty under load, replaced fuse and tested. OK Refer	TPS and TG, SS
05/08/2023	6780	Removed line relief valve and found broken spring, replaced relief valve and tested. OK. Found oil leak from pressure switch on pilot lines under cab, Ordered parts, removed 2 remote oil filter hoses	
05/09/2023	6780	250 hr service, change oil and filter, fit 2 remote oil filter hoses	SS
05/11/2023	6780	Replace belly plates, remove bucket crowd out relief valve, strip and check. All OK. Blank off bucket cylinder and check for drift. Tested. OK. Removed bucket spool and inspect	
05/12/2023	6780	Inspected spool and found info in SIS relating to valve spool fault, checked troubleshooting procedure and found fault in quick hitch causing oil leakage from crowd circuit, removed quick hitch control valve and dissassembled, found broken O rings, ordered seal bits	SS, TG
05/15/2023	6780	Re-seal quick hitch control valve	SS, TG
05/16/2023	6780	Re-seal soleroids spools for quick hitch valve, re -install control valve and tested. OK	SS, TG
05/18/2023	6780	Replace spool valve stem and stopper with updated parts to stop spool spinning	SS, TG
05/23/2023	6780	Remove stickers to paint counterweights	SS, TG
05/31/2023	6780	31/5 - Repair cracked plates on handrails at Beta Pave, add strengthening plates	SS, TG
06/05/2023	6780	1 battery not charging at 5.3 volts. Replaced with genuine Hastings batteries	SS, TG
06/09/2023	6780	Found blown hose leaking while at Betapave, ordered new hose	
06/13/2023	6780	Fit new hydraulic hose in rotator swivel, degrease and wash down, remove quick hitch and load up tilt bucket to bring back to Nebo	
06/14/2023	6780	Completed paintwork	Betapave, TG, SS

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06/15/2023	6780	Fit tilt bucket and clean out grease galleries with hydraulic porter power pump	SS, TG
06/16/2023	6780	Refit A/C console covers, order new radio cut out switch.	SS, TG
06/27/2023	6780	Ben fitted CAT stickers	SS, TG
08/16/2023	6780	Replaced LH tap handle for remote hydraulic lines, repaired square drive on LH tap and re-fit handle	Workshop
09/06/2023		Quick couplers on stick replaced (tilt bucket)	Workshop
04/15/2024	6792	Found fuel leaking from refueling transfer pump hoses, (not in service), remove hose tail from fuel tank & fit blanking plug	Workshop
05/07/2024		Charged batteries	Workshop
05/21/2024		Hammer not working, broken wire on joystick, configuration changed in monitor refer att: TPS Inv 1689	TPS
06/11/2024	6886	OBS-958 Replaced seat regulator motor assembly, tested ok,	
06/18/2024	6886	Add 20L hydraulic oil to system to eliminate low hyd oil engine shutdown possibility fault	Workshop
06/19/2024	6886	John Fitzpatrick of TPS inspect screen faults, pin out wiring for fuel primer pump, repair wiring harness. 25/6-started cleaning machine to re-assemble shrouds in cabin and belly plates that were removed to diagnose wiring faults. Refer TPS Inv 1781 attached	TPS/Workshop
08/27/2024		Remove broken cutting edge	Workshop
10/08/2024	6908	Hosepower for hoses	Workshop
10/09/2024	6908	Electrics hook up for GPS system, sensors on boom, e stick, weld on cable bracket, fit receivers and aerials, run wiring fit control unit to rear console behind seat, fit boom lights and wiring harness to new boom, install Komatsu fittings to boom lift cylinders to match hoses on boom - Refer Att Hosepower Inv INO95956	Hosepower
10/10/2024	6908	Finish install GPS for longreach system	Workshop
10/11/2024	6908	Free Cranes hook up stick and fit to longreach boom	Free Cranes
10/14/2024	6908	Surveyors started calibrations of GPS to boom	
10/17/2024	6908	Fit new bucket for DVO to calibrate	Workshop
10/18/2024	6908	Reseal stick cylinder rod end crossover pipe, replaced faulty O ring,	Workshop
11/06/2024	6908	Fit mud bucket onto longreach stick	Workshop
11/07/2024	6908	DVO surveyors set up on excavator and check calibrations for GPS system before Operator training	Workshop
11/11/2024	6908	Prep to go on to barge, spray with lanoline, clean windows, install stick brace.	Workshop
11/12/2024	6908	Load and float with Longreach to Port	Workshop
11/17/2024		Serg went Sund night to replace batteries with old CO201 batteries	Workshop
11/18/2024	6975	Ride boat out to barge, replace batteries	Workshop
11/24/2024		Had to replace O ring on crossover hose, use hydraulic sealant, failed. Replaced O ring with O ring from Quick coupler seal	Workshop
12/03/2024		Replace hydraulic hose	Workshop
12/04/2024		Weld new cutting edge to bucket teeth	Workshop
12/04/2024		Scotty from Hosepower inspect boom hoses	Workshop
12/09/2024	7169	Top up engine oil and grease	Workshop
12/10/2024	7169	Replace crossover O ring seal and weld bracing onto GPS mount poles	Workshop
12/12/2024	7210	Replaced 1 x O ring RHS crossover, replaced 2x grease nipples on bucket linkage.	Workshop
12/17/2024	7260	Change out primary fuel filter at Arnhem Contractor. Active fault code. Blew out fuel lines, test. OK.	Workshop
12/18/2024		Replace O ring in crossover hose. Also replace O ring on other side crossover hose	Workshop



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12/19/2024	7289	Dog bone came off on nightshift. Straighten and refit in morning	Workshop
01/08/2025	7341	Flat batteries. Changed over.	Workshop
01/09/2025		Broken bucket pin, Wilkinson made up.	
01/10/2025		Refit bucket crowd cylinder pin and replace blown O ring to cylinder end of crowd cylinder	Workshop
02/13/2025	7344	1000hr service, change oil and filter, final drive oils.	Workshop
02/19/2025	7344	Refill final drives with TDT050, sample and drain swing drive gearbox	Workshop
02/27/2025	7344	Andrew painted counterweight CAT yellow.	Betapave
03/14/2025		Strip & reseal , new rod seal, Hosepower Inv IN104427	Hosepower
04/22/2025		Fit new bucket pins to excavator stick boom bucket pins	SS
04/28/2025		Grease , fit new grease nipples to dog bone linkages. Soft seal dipper arm & crowd cylinder hoses & clamp fittings	SS
04/29/2025		Fault find issue with work lights on main boom section, found short in wiring rear LH side work light & replaced blown H3 bulb	SS
05/08/2025		Ty welded up 336-1800GP to bucket	Tyrone
24-Jun	7357	Wash after Seaswift use.	