

## Plant & Vehicle Maintenance & Repairs

<b>Asset Number:</b> C0073		<b>Serial Number:</b> CAT0329EECD00793		<a href="#">«</a>
<b>Make:</b> Caterpillar		<b>Model:</b> 329E Excavator		2015
Date	Hr / Kms	Work Conducted	Responsible Person	
09/10/2015	290	250 hrs first service, change all hyd filters, fuel filters, change final drive and circle drive oils, sample final drives, circle drives, hyd eng oils		
		Fit spaces to quick hitch hyd hose guard	TG/BH	
21/09/2015	333	Changed engine oil as per SOS report, re-sample @ 580 hrs	GC	
		Re-calibrate system, testing/troubleshooting Sitek	Ariel, Darren	
5/10/2015		New Trimble System fitted		
14/10/2015	386	Repair oil leaks at aux lines	TG/GC	
10/12/2016	494	500 hrs service	TG/GC	
25/02/2016		Remove cutting edge and teeth attachment and replace with teeth	TG/GC	
25/02/2016		Refer to Hastings Deering Invoice AP300536390		
10/03/2016		Refer to Hastings Deering Invoice AP300537698		
17/05/2016		Rotate cutting edge	TG/GC	
26/05/2016		Fit new edge.	TG/GC	
1/06/2016		Refer to Hastings Deering Invoice AP300546592		
2/06/2016		Engine oil sample at 500 hrs	TG/GC	
4/06/2016	764	250 hrs service	TG/GC	
6/06/2016	769	Rotate cutting edge.	TG/GC	
8/06/2016		Check air inlet system for leaks as per SOS.	TG/GC	
9/06/2016	777	Check air inlet for dust entry as per SOS report. All ok.	TG/GC	
15/06/2016	803	Replace 3 tiger teeth to bucket.	GC	
		Refer to Hastings Deering Invoice AP300547954		
17/06/2016	813	Replace revolving light.	GC	
27/06/2016	849	Sample engine oil as per SOS request. Resample at 100 hrs.	TG/GC	
4/07/2016		Refer to Hastings Deering Invoice AP300549982		
5/07/2016		Refer to Hastings Deering Invoice AP300550140		
15/07/2016	914	Change tiger teeth. (Rotate).	TG/GC	
9/08/2016	961	Fit new front window.	TG	
		Refer to Windscreens Territory Invoice 00011826		
10/09/2016	1006	1000 Hrs Service	TG	
13/10/2016	1011	Change cutting edge batter bucket.	TG/GC	
18/10/2016		Refer to Hastings Deering Invoice 2010108553		
24/11/2016	1041	Replace hydraulic hose for quick hitch.	TG	
24/11/2016		Refer to Hosepower Invoice D43576		

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7/12/2016	Quick hitch hose leaking. Hose Power replaced hose.	GC
22/12/2016	Refer to Hastings Deering Invoice 2010246957	
22/06/2017 1301	Remove & Replace blown hydraulic hose at stick cylinder, check valve.	TG
18/07/2017	Done - fire extinguisher out of date	TG
19/07/2017	Change cutting edge, 1800mm bucket adjust tracks	TG GC
5/08/2017 1399	Replace tilt hitch hose	
16/08/2017 1414	Change out air filters	SS MM
6/09/2017 1493	Replace tiger teeth on trench bucket, spin tiger teeth around	GC
7/09/2017	Rotate teeth on LG bucket	TG GC
25/09/2017	Rotate bucket edge	TG SS
13/10/2017 1604	Replace ?? Valve in tilt hitch	TG
17/01/2018	Rectify a/c fault - Ellis Autos invoice 1216	SS
25/01/2018 1719	Removed and replaced cutting edge on bucket, cut edge to size	All
31/01/2018	Bucket edge refit	TH
20/09/2017 1510	SOS Sample recorded	
27/02/2018 1788	Started service, Aircon compressor replaced, dryer and re-gas. Ellis invoice 1383	BO MM
2/03/2018 1788	Complete 500hr service	MM
23/03/2018	Inspect low power problem	TG MM
17/04/2018	Windscreens Territory invoice 00015332 - fit LH window	
5/07/2018 1968	2000hr service and wash down	TH TG
5/07/2018 1968	Batter bucket edge turned during service	TH TG
31/07/2018 1978	Replace air con filters / change bucket teeth	SS TG
1/11/2019	Outer sheath on RHS hydro hose to tilt hitch is damaged and minor seepage - Inspected OK	TG
5/08/2019 2087	Check a/c fault, found faulty a/c condensor fan motor, place fan motor, test all OK	TG
12/11/2019 2118	Checked battery voltage, found low, charged batteries, batteries didn't hold charge, replaced & checked all OK	TG
2/04/2020 2281	250 hrs service - change engine oil and filters, change fuel filters, oil sample engine, coolant, final drives.	SS TG
30/04/2020 2281	Replaced coolant, flushed system. Re-sample in 500 hrs at 2781, or at 2750 hrs service	SS TG
19/08/2020 2295	Fit quick hitch. Scott from Hosepower reset quick hitch config in machine settings on monitoring station in cab	
20/08/2020 2295	Replace 2 track rollers RHS	TG SS
26/08/2020 2295	Ariel came to Nebo to re-calibrate settings for new quick hitch and 1 mud bracket. Fit new 2 piece cutting edge.	TG
24/08/2020 2281	<a href="#">Hosepower called to Nebo to inspect, checked computer settings &amp; changed accordingly refer attached HosepowerInv IN003933</a>	HP/TG
4/09/2020 2315	Tested. Compressor shorting on clutch coil. Replaced compressor.	SS
3/09/2020 2315	Fit pressure pump for Erkat dust suppression into pump bay	TG

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30/10/2020	2590	500 hr service, engine oil, oil filter, fuel filter, sample all fluids		TG SS
12/12/2020		Fit new washer bottle		
18/12/2020	2800	250 hr service completed. 92 hrs on engine oil since in chasis rebuild.		SS
12/01/2021	2820	Set up erkat and plumb in hoses for dust suppression		TG, HoseP
12/01/2021	2820	Fit out pressure pump		TG SS
14/01/2021	2829	Filled up/topped up hydraulic oil		SS
21/01/2021	2864	Replaced pressure washer pump for Erkat		SS
22/01/2021	2870	Replace Carbide tooth on Erkat		SS
1/02/2021	2870	1.2.21 Ricky from Hastings visited site & confirmed pump failure, remove axle from final drive. 2.2.21 Towed to safe work area, drained hydro oil & remove hydro pump, drop off to Hastings for inspection. 3.2.21 Order Reman pump from Germany ETA 10.-14 days. 4.2.21 Meet with Jason & Brett from hosepower. Meeting with Scott & Hosepower, it was decided to flush system & run with new pump. Tez and Serg in progress (25/2/21)		TG/H/HP/SC/SS
27/02/2021	2870	<a href="#">TPS attended site to fault find Hydraulic system - refer to attached TPS Inv 2017</a>		TPS/TG
5/03/2021	2870	1.2.21 Ricky from Hastings visited site & confirmed pump failure, remove axle from final drive. 2.2.21 Towed to safe work area, drained hydro oil & remove hydro pump, drop off to Hastings for inspection. 3.2.21 Order Reman pump from Germany ETA 10.-14 days. 4.2.21 Meet with Jason & Brett from hosepower. Meeting with Scott & Hosepower, it was decided to flush system & run with new pump. 23.02.21 Reassemble final drives, 24.02.21 get pump from Hastings, make up lifting bracket. 25.2.21 Fit pump to exc, hook up all pipes and hardware, start and move to new work area, test operation. 26.2.21 Found stick cylinder creeping badly and low pump pressures. Discuss with Scot, call John Fitzpatrick. 27.2.21 Test cylinder, ok. Test hose burst valve, failed. Strip, clean and ressembleHBV, tested, pass. Checked pump pressures, low. Cleaned out main relief valve and test, pressures now in spec. 01.03.21 Remove, clean all line relief valves, remove track motor hoses, start and flush into container, sample hydraulic oil, drain hyd oil, remove all hyd filters, remove return filter and clean out housing, evac particles from hyd tank, fit new hyd filters, refill with CAT Advance 10w hyd oil. 05.03.21 Change hyd oil & filters, take oil sample		TG/H/HP/SC/John Fitzpatrick
10/03/2021	2906	Found coolant to be coming from by-pass tube from water pump. Repaired new O-rings		SS
18/03/2021	2916	Made new hose at Hosepower, <b>19.3</b> Replaced dowdy washer on erkat case, drain hydraulic hose		SS
29/03/2021	2937	Repair Hyd oil leak at slew motor		TG
14/04/2021	3014	3000 hr service complete, changed all oils and filters		TG SS
16/04/2021	3013	Picked up new hose from Hastings, fitted.		SS
27/05/2021	3207	Replaced L/H hydraulic hose auxillary line near cab. Supplied by Hosepower		SS
11/06/2021	3273	250 hr service done, replaced engine oil filter, blew out air filters		SS
12/06/2021	3294	Replaced auxillary hose on stick boom		SS
24/06/2021	3344	Remove steel pipe from stick cylinder, send to Hosepower who repaired.		SS/TG

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6/07/2021	3350	Replaced O ring, fixed oil leaking		SS
17/07/2021	3351	Replaced worn out rusty hose on stick cylinder		SS
5/10/2021	3504	500 hr service - changed oil and filter, sampled engine, hyd oil, blew out filters		SS
11/11/2021	3537	Replaced cutting edge bolt		TG
16/11/2021	3546	Inspected. OK. Normal function		TG
21/01/2022	3576	Replaced aircon fan		SS
17/02/2022	3601	<a href="#">Stick cylinder leaking oil, removed cylinder - Hosepower re sealed, refer Inv 36839, refit tested Ok</a>		TG/HP
12/04/2022	3948	Topped up hydraulic oils approx 20-40ltr		SS
12/04/2022	3948	Blew out cab filters for A/C & blew out a/c condensor		SS
19/04/2022	n/a	Cutting edge on batter bucket replaced		SS/TG
5/05/2022	n/a	Tied up Erkat hoses to day leg on hitch		SS
12/05/2022	3966	Topped up engine oil		SS
25/05/2022	4057	Replaced faulty fan belt and repair fan clutch hub wiring		SS/GC
27/05/2022	4069	4000 hr service, oil samples taken, engine oil/filter, air filters, cab filters, final drive oils, swing drive oil		SS/GC/John
16/06/2022	4159	Remove blown stick cylinder hose from base of boom. Replaced hose.		BO, SS, GC
7/07/2022	4238	JN#3132 - Blown hose, removed hose, hosepower made up new one, refitted & tested OK		SS
15/07/2022	4293	JN#3138 - 250 hr Sve, Changed engine oil & filters, blew out all air filters & cab filters, topped up slew motor oil, replaced cylia		TG SS GC
20/07/2022	4289	JN#3086 - Fault, tracks need adjusting. Adjusted RHS track. Found LHS track adjuster seized. Removed & replaced adjuster.		TG SS
6/10/2022	4328	<a href="#">JN#3207 - Fault, leaking boom cylinders. Removed, hosepower honed &amp; replaced, refitted &amp; tested ok. Refer Inv 51759</a>		TG SS/ HP
12/10/2022	4329	JN#3213 - Fault, quickhitch cylinder leaking. Removed cylinder, replaced rod, re-sealed & re-assembled. Tested ok.		SS
12/10/2022	4329	JN#2988 - Dissassemble console, replaced controller & re-assemble. Tested ok.		SS
21/10/2022	4330	<a href="#">Remove master pins with track press - Refer attached Rhinos Diesel Sve Inv 11618</a>		RDS
13/10/2022	4330	JN#3223 - Fault, leaking oil. Replaced check valve.		TG
21/10/2022	4330	JN#3225 - Fault, leaking final drives. Removed tracks, dissassemble & re-seal final drives. Re-assemble & test ok.		TG SS
20/10/2022	4330	JN#3226 - Fault, seized track adjuster. Removed track adjuster, re-sealed & re-installed.		TG SS
27/10/2022		<a href="#">Final drive seals leaking, repair track assembly - refer att Hastings Inv 40100457941</a>		Hastings
4/11/2022		<a href="#">Replacement Battery UHP DN65LHX refer att Bridge Inv PI23075479</a>		Bridge
15/11/2022	4344	Top up hyd oil and slew gearbox oil		SS
29/11/2022	4385	Unseize pin and retainers with oxy, replace bucket teeth		TG, SS
10/01/2023	4512	Changed all fuel filters and blew out fuel lines, fault still present, called TPS to plug in ET. Found faulty atmospheric Press Sensor, replaced sensor. Fixed		TG, Dylan, TPS
10/01/2023	4512	Quick hitch slight leak, hydraulic oil still low; removed and replaced damaged hose		TG

## Plant & Vehicle Maintenance & Repairs

<b>Asset Number:</b> CO073		<b>Serial Number:</b> CAT0329EECD00793		«
<b>Make:</b> Caterpillar		<b>Model:</b> 329E Excavator		2015
11/01/2023	4514	<a href="#">Machine de rating, fault codes Diagnosed &amp; replaced failed atmospheric sensor refer att TPS Inv 0694</a>		TPS
1/02/2023	4587	500 hr service, changed engine oil/filters, hyd filters, sampled all compartments		SS, TG
13/02/2023	4626	Replaced fumes dispersal filter		TG
9/03/2023	4690	Drain oil back to proper level? From Tez diary		SS, TG
16/03/2023	4709	Replaced wiper blade		SS
29/03/2023	4733	Removed and replaced batteries with exude batteries cause HD don't have in stock, make up new battery clamp as terminals are in a different position and old clamp wont fit		TG
5/05/2023	4775	Completed 250 hour service		TG, SS
5/05/2023	4775	Also re-install wiring to condensor fan and fit after market condensor fan to condensor and wire using water pump wiring from erkat, removed erkat pressure pump hoses, low and high pressure pumps and put in storage at Nebo Rd		TG, SS
26/05/2023		Replace header tank to bypass hose		TG, SS
2/06/2023	4853	Fit teeth onto Erkat, Load up and deliver to Larrakeyah, fit onto CO073		TG, SS
11/10/2023		Washed		Workshop
24/10/2023	4894	Remove decals from rear, prep to paint		Workshop
22/11/2023		Paint counterweight and battery compartment door and fit new decals x 2		Workshop
22.2.2024		Tyre had a screw in it, replaced with spare. NT Tyres replaced with a run out tyre ref att: Inv 89154		NT Tyre
26/06/2024	4898	Remove mud bucket, cut out shims on bucket pins to allow new 536 to fit bucket		Workshop
24/01/2025		<a href="#">Ref att Hastings Inv 40100634074 - While loading to float to Port, found slew brake locking on. Hastings Plug in ET, faulty machine ECM, replaced.</a>		Hastings
29/01/2025	4900	<a href="#">Call Hosepower, replace 5 x hoses in slew motor area. Ref Inv 101839 Hosepower</a>		Hosepower
1/02/2025		Wash down cab		Workshop
3/02/2025		<a href="#">Swing drive issue refer att Hastings Inv 40100634074</a>		Hastings