

Stock No: APH00350

Caterpillar D8T Dozer

Serial No: J8B02307

Reg No: 94874D

Cat: DOZ8 Year: 2010 Provisional?: Supplier: Mays Earthworks Model: Caterpillar D8T Under Repair?

Log

<i>Date</i>	<i>Type</i>	<i>Description</i>	<i>Meter</i>	<i>Labour</i>	<i>Parts</i>
18/07/2024	REPAIR	Westrac: Calibrate Timing position sensor Removed the left engine bay panel. Completed an engine timing cal. Tested the cooling fan operation. Installed the panels. Cleaning the work area.		\$310.50	
12/06/2024	REPAIR	TG: Fit new rear windwo wiper arm. Replaced 40CH GME UHF with an 80CH GME UHF (@ 15931 Hours)	15931	\$100.00	
11/06/2024	REPAIR	TG: Fit LHS engine bay guard back onto machine. Inspect leaking hyd hose. Removed leaking hose, took down to SCH to get remade. Refit new hose, topped up hyd oil, ran dozer and checked no further leaks - all was OK (@ 15930 Hours)	15930	\$325.00	
11/06/2024	OTHER	SCH: Supply wire hose, hose end, o-ring seal, hose assembly			\$195.66
11/06/2024	OTHER	Westrac: Supply wiper arm			\$126.60
4/06/2024	OTHER	Westrac: Supply gp sensor			\$355.47
31/05/2024	REPAIR	JB: Clean down hydraulic control valve, repair 2 x oil leaks and hyd valve. Replace filter and hydraulic control valve. Replace fan solenoid harness replace fan pump pressure sensor, run and check fan operation. Intermitent fault still present		\$450.00	

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30/05/2024	SERVICE	JB& TG: Complete 2000hr service as per manufactures specifications. Changed engine oil and filter, changed fuel filters, changed element air filter and blew out ac filters. Greased machine, changed tranny filters, changed final drive, changed hyd filters (@ 15930 Hours)	15930	\$300.00	
30/05/2024	REPAIR	JB: Fit new fan pump control solenoid		\$250.00	
30/05/2024	OTHER	DCT: Supply O-rings, element radial outer, element as xmsn			\$193.79
28/05/2024	OTHER	Westrac: Supply filters and seals			\$253.31
23/05/2024	OTHER	Westrac: Supply Solenoid assembly			\$569.07
21/05/2024	REPAIR	JB: Check fan control not working, removed floor and found solenoid for fan control missing. Check wires for power and earth original power wire was broken. Fit plug with overlander power wire that was fitted. Order part No 269-4669 Solenoid assembly. Replace 7 x broken / missing / loose sprocket bolts on LHS final drive		\$350.00	
20/05/2024	REPAIR	JB: Calibrate brake control, run and calibrate blade control solenoids, test blade float and quade drop		\$250.00	
12/04/2024	OTHER	Westrac: Supply Coil assembly			\$191.51
9/04/2024	REPAIR	Acemec: Test down shift fault, repair crushed wiring under joystick		\$345.00	
9/04/2024	REPAIR	TG: Fit and wire GPS tracker (@ 15832 Hours)	15832	\$65.00	
27/03/2024	REPAIR	DC: Drain pivot shaft, replace leaking drain, plug o-ring (@ 15830 Hours)	15830	\$47.00	
26/03/2024	OTHER	Westrac: Supply switch as			\$183.37
25/03/2024	OTHER	DCT: Supply 4 x 161.35mm long steel clevis pin			\$280.09

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22/03/2024	REPAIR	DC: Continue fitting belly plates, fill pivot inner shaft (@ 15830 Hours)	15830	\$100.00	
21/03/2024	REPAIR	DC: Fit equalizer bar and fit belly plate (@ 15830 Hours)	15830	\$350.00	
20/03/2024	REPAIR	DC: Fit circlips and seal to equalizer bar, lift into place (@ 15830 Hours)	15830	\$200.00	
18/03/2024	REPAIR	DC: Clean bores in main frame (Equalizer bar repair) (@ 15830 Hours)	15830	\$250.00	
15/03/2024	REPAIR	DC: Install 2 x outer equalizer bearings, start cleaning bores (@ 15830 Hours)	15830	\$150.00	
11/03/2024	REPAIR	DC: Rebush equalizer bar (@ 15830 Hours)	15830	\$250.00	
8/03/2024	REPAIR	DC: Remove equalizer bar, remove bushes (@ 15830 Hours)	15830	\$350.00	
7/03/2024	REPAIR	DC; Broken equalizer centre pin. Remove 2 x outside pins, unbolt rubber bump stops (@ 15830 Hours)	15830	\$210.00	
6/03/2024	OTHER	Tilly's: Seals, seal assy, bearing, bearing sleeve equalizer, pin equalizer bar			\$1,612.00
5/03/2024	REPAIR	DC: Play in equalizer bar remove belly plates and pick up prssing equipment. Pull out half of centre pin (@ 15830 Hours)	15830	\$350.00	
5/03/2024	REPAIR	TG: Assist Darren inspect movement in centre pin. Drop belly plates off machine and get sam to clean out. Remove centre pin bolt and retainer late to gain visual on pin. Pin had snapped in half (@ 15830 Hours)	15830	\$165.00	
3/03/2024	REPAIR	Vinos Mechanical: Diagnose and repair GPS issue. Diagnose and repair engine starting issue. Diagnose and inspect failed EQ bar centre, pin and bushing		\$592.00	

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18/12/2023 REPAIR

HeavyQuip: eering system
- Checked all fluid levels prior to testing and confirmed all within operating ranges
- Please note separate subcontracting company already started on these faults meaning parts, panels etc. already removed from machine
- Connected caterpillar E.T software to monitor steering sensors
- Carried on testing machine harnesses, powertrain ECM
- Couldn't identify any faults with harness going from powertrain ECM to steering position sensors
- Carried out several wiggle test on harness due to correct voltage and resistant being supplied to sensors from powertrain ECM
- Disassemble steering and transmission control handle and found steering sensor locating dowel missing and broken off inside CAM assembly
- Advised of findings with replacement CAM assembly required
Collect parts from Hastings Deering, Archerfield
- Disassemble steering and transmission control handle
- Install replacement CAM assembly
- Assembled control handle back together ensuring electrical harness all secured
- Installed control handle back into machine
- Connected all electrical harness to control handle
- Secured implement and powertrain ECM's
- Operated machine and tested

15744 \$1,527.00

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		steering circuit through all parameter ranges to ensure no faults appeared			
		- Confirmed fault rectified			
		- Installed cab flooring and seat assembly			
		- Cleared all logged faults on caterpillar E.T software			
		- Advised service manager repairs completed for identified fault (@ 15744 Hours)			
15/12/2023	OTHER	Hastings: supply Cam as			\$595.51
12/12/2023	REPAIR	SWAP OUT SENSORS TRAVAL BACK TO WORKSHOP FIT INTO THE HAND PIECE Fitted back up and still had CODES COME UP (@ 11336 Hours)	11336	\$455.00	
9/12/2023	OTHER	Hastings: Supply Sensor Gp-Po			\$569.34
7/12/2023	REPAIR	RDS: FIT NEW SWITCH FOR STEERING FIT UP HAND CONTROLLER PLUG IN ET READ CODES TRY TO WORK OUT THE PROBLEM ORDERED PARTS. REMOVE HAND CONTROL FROM THE D6 BUT THE SENSER WASN'T CONPATABLE TRIED TO CALIBRATE BUT STEERING CODES KEEPED COMING UP (@ 11336 Hours)	11336	\$390.00	
29/11/2023	REPAIR	RDS: WELD ON THE CHOCKY BLOCKS ORDER STEEL TO MAKE HAND RAILS		\$130.00	
28/11/2023	REPAIR	RDS: FIT CORNER TIPS ON THE BLADE PREP TO WELD ON THE CHOCKY BLOCKS		\$260.00	
24/11/2023	OTHER	Dixie Holdings: Supply end edge 30mm, cutting centre, plow bolts, chocky bar			\$2,040.05

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23/11/2023	REPAIR	RDS: GRIND THE PAINT OFF OF THE NEW CUTTING EDGES FIT NEW CUTTING EDGES (@ 11336 Hours)	11336	\$325.00	
23/11/2023	OTHER	Hastings: Supply switch ass			\$125.68
21/11/2023	REPAIR	RDS: REMOVE ALL CUTTING EDGES CLEAN AND PREP MOLBORED GUOGE OFF OLD CHOCKY BLOCKS PREP SERFACE TO WELD ON NEW ONES (@ 11336 Hours)	11336	\$390.00	
11/11/2023	OTHER	Hastings: Supply GP Sensor			\$2,996.15

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1/11/2023 REPAIR HeavyQuip: Travel to and from site 15739 \$1,365.00 \$480.00

- Collected required tooling from workshop
- Complete safety prestart requirements before commencing works onsite
- Located machine in question
- Operator complaint of oil leak underneath machine
- Confirmed operator complaint with large oil puddle present
- Removed center belly guards
- Started machine and found oil leak coming from higher up in machine
- Removed cab floor and seat base group
- Removed ECM's and covers at rear of cab
- Cleaned out excessive dirt/oil build up
- Inspection found blown hydraulic hoses
- Removed hoses from machine and organised for replacements to be made onsite - Installed replacement hoses with new mounting seals
- Installed panels, ECM's
- Topped up hydraulic oil level
- Operated machine and confirmed repair rectified
- Installed seat base group and cab flooring
- Installed belly guards removed
- Dropped off tooling to workshop (@ 15739 Hours)

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31/10/2023	REPAIR	YTEE: Proceed to site check fault with AC, found faulty compressor and blocked evaporator. Clean evaporator as required. Pick up parts and Proceed back to site. Remove and replace compressor and receiver dryer as required. Regas and test all operation ok		\$720.00	\$140.00
17/10/2023	OTHER	Next REGISTRATION RENEWALS - date postponed from 22-Oct-23			
6/10/2023	OTHER	Hastings: Supply GP Sensor and seal o-ring			\$485.46
25/09/2023	REPAIR	SS: Repair hyd leak at rear of machine. Run up mahine and check for any further leaks. All ok (@ 15824 Hours)	15824	\$320.00	
15/09/2023	REPAIR	SS: Start repairing hydraulic leaks (@ 15622 Hours)	15622	\$350.00	
14/09/2023	REPAIR	SS: Clean area where hydraulic leak is and assess leak (@ 15622 Hours)	15622	\$21.00	
24/08/2023	REPAIR	SS: Remove ropper boot and shin guard. Replace ripper boot. Cleaned out shin guard and replaced pins.		\$225.00	
24/08/2023	OTHER	ITR: Supply Tip ripper, pin lock and retainer			\$195.34
14/08/2023	REPAIR	GNG Mechanical: inspected no start fault check battery / battery voltage found rear jumper lead terimal cracked / broken replaced x2 batterys , check charge rate and run up report		\$355.00	
14/08/2023	OTHER	SPB: Supply 2 x ACDelco batteries			\$359.78

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13/08/2023	REPAIR	GNG Mechanical: inspected oil leak removed floor , removed x2 belly guards , found blown o-ring on t/c suction hose replaced and re-fit belly guards and floor filled trans oil set tracks tension and ran up report	\$682.00
28/07/2023	REPAIR	Sam Sparkes: Diagnose and epair tilt pitch issue found Hose plumbed incorrectly. Changed out batteries.	
28/07/2023	OTHER	SPB: Supply 3 x ACDelco SMF - standard batteries	\$539.64
26/07/2023	REPAIR	HeavyQuip: Collect parts from Hastings Deering, Archerfield - Install cab seat assembly. Test operation of seat. All ok - Shorten manufactured harness inside transmission - Cable tie inner transmission harness - Install replacement gasket on rear transmission cover - Torque lift cylinder trunnion bolts - Topped up fluids as required - Cleaned up work area and tooling - Powertrain pump bushes	\$1,563.53

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25/07/2023 REPAIR HeavyQuip: Started machine and tested again confirming transmission gears not selecting correctly \$2,040.00

- Attempted to carry out transmission fill calibration however no success due to low torque convertor speed
- Inspected fault and found torque convertor speed low due to input shaft locking up during calibration
- Codes active found transmission output speed sensors #1 and #2
- Inspected harness from transmission ECM down to transmission harness with findings showing resistive test within 1200 ohms specification
- Tested resistance from outer transmission harness to speed sensors with results showing the same resistance meaning also within OEM specifications
- Checked voltage out of transmission ECM. All ok

25/07/2023 REPAIR Sam Sparkes - Diagnose electrical fault found on Trans. Found modulator valve had been fitted backwards, changed modulator valve orientation. Still had issues with 3rd and rear gears, found harness fitted incorrectly and faulty modulators coil. Rectified these 2 issues all all gears work now.

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25/07/2023 REPAIR

HeavyQuip: Installed pressure gauges for transmission with main transmission pump pressure within OEM specifications

- Found that transmission on certain gears and directions had three clutches engaged instead of the required two clutches only
- After numerous testing of clutches with pressure gauges no sequence was showing root cause for one particular clutch pack
- Monitored modulation valve output on Caterpillar E.T whilst engaging all gears and directions confirming on each selection only two clutches are engaged electronically at once only
- Removed rear transmission cover again and inspected findings that one of modulation valves had been fitted 180 degrees around the wrong way
- Removed and rotated modulation valve to correct orientaiton
- Tested again and found we had now operation of certain gears which we hadn't had before
- Noted to Salmon Earthmoving mechanic that inner transmission harness schematic was different to what the harness was routed like on top of transmission

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25/07/2023 REPAIR

HeavyQuip: After numerous inspections it was found that inner transmission harness that was installed during transmission rebuild had been incorrectly made by OEM manufacturer which resulted in clutchPaymentthree beingDetails:connected to clutch one wiring and vise versa Commonwealth Bank of Australia - Jumper harness was made to change wiring as swapping harness connectors wouldn't reach - Tested operation through pressure gauges

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24/07/2023	REPAIR	HeavyQuip: Collect parts from Hastings Deering, Archerfield - Cleaned surfaces of final drive assembly - Cleaned surfaces of differential steering motor and adaptor - Installed replacement seals onto final drive assembly and installed back into machine - This brought heavy issues being able to line up steering and brake hub to outer transmission spline - Eventually was able to assembly correctly - Installed centre axle shaft - Outer axle shaft which caused all the issues was also installed however noted to A Plant mechanic who observed also that shaft was tight - Assembled differential steering adaptor and motor - Connected hydraulic hoses to motor - Installed final drive planetary group - Connected LH track and torqued master link bolts to OEM specifications - Filled final drive with replacement 50W oil - Attempted to move machine outside and found no reverse gears would select or drive (2 hours labour taken inspecting transmission fault)	\$2,474.50	
24/07/2023	REPAIR	Sam Sparkes - assisted with fitting Axel and final drive, once fitted test machine, found no drive frm transmission, found fault to be electric, diagnose fault		
23/07/2023	OTHER	Hastings: Supply 4 x o-rings and 2 x seals (@ 15622 Hours)	15622	\$117.03

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21/07/2023 REPAIR

HeavyQuip: Further inspection found circlip in question wasn't causing obstruction of drive shaft as the shaft wasn't going as far into transmission where circlip was located

- Decision made to remove LH final drive/steering and brake assembly
- Separated LH track and rolled back out of final drive area
- Removed outer final drive planetary gears and inspected. Couldn't identify reason for shaft not fitting still
- Disconnected hydraulics hoses to differential steering motor and removed motor assembly along with adaptor
- Removed all final drive mounting hardware and removed drive from machine
- Fitted outer axle through final drive assembly whilst out of machine to attempt to identify cause for axle not aligning
- Noted that when shaft was installed it would wear to the left abnormally
- Ordered replacement mounting seals for final drive assembly as requested

\$1,223.00

21/07/2023 OTHER

Sam Sparkes - remove final drive and diagnose why axle is not fitting. Found that Diff steer is not lining up correctly with trans spline.

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20/07/2023	REPAIR	HeavyQuip: Finish off connecting transmission hoses - Top up transmission oil level - Top up hydraulic oil level - Machine required to be jump started - Operated machine and topped up operating oil levels as required - Operated blade lift cylinders and connected to blade - Started on fitting side engine bay panels and cab flooring whilst also attempting to get LH axle installed - Multiple attempts to get axle installed - Removed center axle and RH axle to look into transmission to see why it wouldn't go in all the way - Couldn't identify issue - Found small circlip possibly not seated correctly - Advised of findings with option suggested to remove LH final drive assembly to access/inspect	\$1,080.00
20/07/2023	REPAIR	Sam Sparkes - Diagnose issue with axel not fitting. Try to fix axle.	
20/07/2023	OTHER	Hastings: Supply seal o-rings, couplings	\$316.12
18/07/2023	REPAIR	HeavyQuip: Clean surfaces on chassis where powertrain pump mounts - Install powertrain pump to machine - Start on connecting transmission hoses - Replaced transmission and torque convertor filters	\$1,410.24

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14/07/2023	REPAIR	HeavyQuip: Collected remaining bushes from Hastings Deering, Archerfield - Complete rebuilding powertrain pump assembly to OEM specifications without replacing any gears as requested	\$1,080.00
5/07/2023	OTHER	Hasting & Deerling- Transmission - Coupling AS Part #2119087	\$251.58
5/07/2023	OTHER	Hasting Deerling - Part no# 3T6471 Screen A, 3442990415, washer, 3442990415 Seal O ring	\$57.77

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4/07/2023 REPAIR HeavyQuip: Install piping for ripper control valve \$1,920.00

- Installed rear transmission guards
- Fitted ripper control valve hydraulic hoses
- Connected hoses to all ripper cylinder assemblies
- Carry on with powertrain pump removal
- With assistance lowered pump assembly down onto ground
- Brought back to workshop and degreased
- Disassembled and inspected with findings showing excessive wear in all bushes and excessive pitting on majority of gears
- Notified onsite mechanic Sam of findings with approval received to replace bushes and reuse all gears
- Salmons Earthmoving seals and parts supplied for transmission had majority of parts for powertrain pump however three further bushings required with one back ordered from Hastings Deering, Rockhampton branch as discussed
- Carried out machine inspection to identify any further issues
- Noted all visible issues currently via email
- Assisted in installing roller drum shells adjacent to machine undertaking repairs

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3/07/2023	REPAIR	HeavyQuip: Customer request to install transmission - Excess rubbish and dust/dirt build up around machine since last being onsite - Cleaned around machine and removed all excess dust/dirt build up before opening transmission and installing - Transmission rebuilt by Salmons Earthmoving with all seals supplied - Clean surfaces on machine - Installed required seals on transmission - Install transmission into machine - Issues with lining up carrier seal with front of housing - Required to install chain and block around front of transmission with yoke installed to lift higher to ensure replacement seal wouldn't pinch when installing - Degrease and wash down guards, ripper control valve, piping and hydraulic hoses (wash bay employee away sick) - All hydraulic hoses/piping covered to ensure no contamination entering - Remove rear cab floor - Start on removing required hydraulic hoses,piping and valves to remove powertrain oil pump as requested for inspection after original transmission failure	\$2,206.00
21/06/2023	REPAIR	O Connell DFC ; Fitted new bushes into lift cylinder caps. Fitted lift cylinders to machine and connected all hoses and lights.	\$475.00
20/06/2023	REPAIR	O;Connell DFC - Prep, prime and paint lift cylinders, heat up and start removing internal bushing from cylinder pivot outer	\$285.00

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20/06/2023	OTHER	Expressway Spares- Seat GP with Air suspension + freight	\$2,295.00
15/06/2023	REPAIR	O'Connell DFC: Travel to Salmons to inspect transmission failure. Go over transmission and asses parts required. Source external quotes as requested and compare costings. Proceed with Genuine parts as requested	\$190.00
12/06/2023	REPAIR	O'Connell DFC : Resecure and drain oil from transmission. Load onto trailer and secure. Deliver to Salmons for strip, inspect and report. Assist in unloading and set up at Salmons. Return to yard.	\$190.00
1/06/2023	OTHER	Hastings: Supply alarm bac	\$323.26
30/05/2023	REPAIR	Cutting Edge Engineering: D8T Blade Lift Cylinder Re-barrel Machine head & bottom end off barrel Machine up new barrel Prep barrel ends Machine up stand offs Weld head flange, trunnion & stand offs to barrel Hone barrel to required spec Fit & weld barrel end Including Material & Consumables: 2 x 5 1/2" x 4 1/2" Pre-honed Tube 3 x Sets Honing Stones Welding wire, gas, abrasives & inserts	\$6,200.00

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16/05/2023	REPAIR	HeavyQuip: Removed blade lift cylinders from machine and placed on pallet in ready for transport for repairs - Removed final drive shafts - Drained transmission oil and disposed of as requested - Removed all transmission mounting hardware - Removed transmission from machine and placed onto pallet - Inspected transmission for contamination and noted nothing visual as yet - Wrapped transmission ready for transport for repairs (@ 15616 Hours)	15616	\$960.00
15/05/2023	REPAIR	HeavyQuip: Discussed with workshop contact about required machine repairs - Shaun - Setup machine for repairs - Lift cylinders required to be removed and repaired as requested however site contact needed drift test completed on cylinders before removal - Setup machine for drift test as requested Re-located machine to outside yard area and remove rear ripper shank due to transmission needing removal to repair oil leak as diagnosed by onsite mechanic Shaun - Remove all required hydraulic hosing and valves. Covered all openings to prevent any contamination entering - Removed rear transmission guard and transmission input shaft (@ 15616 Hours)	15616	\$1,726.00

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10/05/2023	REPAIR	Oconnell DFC: Set up machine in workshop with blade high on stands. Remove all lights and fittings off top of cylinders. Blank off cylinders to do a internal bypass test on blade lift cylinders. Lift blade up with forklift and remove stands. Found blade lowered slowly on its own, faster on RH side confirming that cylinders are internally bypassing	\$170.00	
8/05/2023	REPAIR	Oconnell DFC: Refit internal transmission screen Tighten up driveshaft bolts, Fill transmission with oil. Start machine and move machine to suitable place for transmission removal and further repairs. Clean area after moving machine.	\$255.00	
28/04/2023	REPAIR	O'Connell DFC: Remove tranmission input seal. Took time due to access and tighness of seal in housing. Clean up all surfaces and install new transmission input seal. Fit Cover plate and input yoke Fit driveshaft. Clean up area but noticed straight away oil leaking from o'ring between transmission and bevel housing. To replace this o'ring it requires transmission removal. Clean up work area and tools from job.	\$255.00	
27/04/2023	REPAIR	Salmon Earthmoving: Reaseal cylinders	\$2,250.00	
27/04/2023	OTHER	Hastings: Supply element as and seal o-ring		\$291.36

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26/04/2023	REPAIR	O'Connell DFC: Remove LH side lower engine panel to access starter motor, bolts all siezed so took time. Will have to be tapped before refitting. Remove starter motor from machine and seperate front adapter plate off starter. Replace o'ring and gasket. Clean up all surfaces and refit starter motor to machine. Drain transmission oil and remove screens. Case suction screen took time to access due to amount of solid material behind rear protection plate. Found peices of wear material in rear case suction screen, Cleaned screen, replaced o'ring and refitted. Replaced transmission filters. Investigated oil leak from transmission input shaft area. Apears to be the bevel gear mounting o ring. Will replace the input shaft seal and reassemble, test and run due to o'ring replacement requires transmission removal. Get quotes for front cylinder repairs and organise to get barrel replacements carried out. Replace engine air filters. Drain and replace pivot shaft oil.	\$935.00
25/04/2023	OTHER	Hastings: Supply Gasket, seal, o-rings, bolts, filter	\$179.52
25/04/2023	OTHER	Hastings: Element as	\$105.37
24/04/2023	REPAIR	O'Connell DFC: Fit all grease fittings into ripper box that required replacing. Set up track to run back onto track frame. Run track back on and join link. 25/04/23: Fill cannon housing with oil and adjust track tension. Clean up from job	\$170.00

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21/04/2023	REPAIR	O'Connell DFC: Continue on with cannon seal replacement. Remove track adjuster from cannon and clean out. Replace internal grease seal in track adjuster and reassemble. Clean out inside of track frame. Remove old retaining ring and cannon seal. Clean up surfaces but noticed large dent in side of frame making internal area out of round where seal seats. Grind surface back round and clean out retaining ring groove. Fit new seal with retaining compound so that it cant leak past the steel on steel seating of the seal and track frame. Fit retaining ring. Fit resealed track adjuster into cannon and fit safety wire rope. Line up and refit cannon inside track frame and secure with side retaining plates/wedges. Start setting up for fitting track to machine (@ 15622 Hours)	15622	\$510.00
20/04/2023	REPAIR	O'Connell DFC: Refit all pannels to engine offer cleaning and check door adjustment. Bolt up grille. Set machine up in workshop to split RH side track to start cannon seal replacement. Track joining bolts were extremely tight 1" impact gun wouldnt work so took time with bars to get undone. Split track and roll out. Remove cannon RH side cannon from machine. (@ 15622 Hours)	15622	\$340.00
20/04/2023	OTHER	Hastings: Supply element as		\$93.46

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19/04/2023	REPAIR	O'Connell DFC: Continue with repairs. Cycle all cylinders and top up all oil levels as required. Get machine to operating temperature and check all work for leaks and operation. Drill out 2 x broken bolts in front grille mounting. Extract broken grease fitting from ripper lower pivot. All ok. Move machine into wash bay and clean up work area. (@ 15622 Hours)	15622	\$510.00
18/04/2023	REPAIR	O'Connell DFC: Fit blade lift cylinders to machine and fit all front valving and hoses. Change all o-rings on all hoses as refitted. Refit lights and all top brackets. Clean up ripper frame and fit ripper lift cylinders and shim as needed. Replace 1 cylinder pin due to broken retaining bolt inside and not able to get bolt out without spending excessive time. Refitted all grease lines and greased all ripper frame grease points. Note 1 fitting is snapped and will need extracting. Start up machine and test. All ok (@ 15622 Hours)	15622	\$1,020.00
18/04/2023	OTHER	ITR: Pin cly mtg		\$227.19
18/04/2023	OTHER	ITR: Supply Shim Steel plain: Shim up cylinders after removing for re-sealing ripper, blade lift		\$201.60

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14/04/2023	REPAIR	O'Connell DFC: Remove cover plate off engine rear housing where oil leak was, Remove o'ring that was leaking (very hard and brittle). Replace o 'ring with new part and fit cover plate. Had to remove side plates below doors of machine to access. Remove belly plates off machine completely to gain access to 2 transmission - torque converter hoses. Access was very difficult. Removed both hoses which took time and cleaned out area. Refitted one hose. Travel to Salmons and inspect blade lift cylinders that had internal scoring. Advised to continue and reseal cylinders any way. Dropped off ripper lift cylinders with new seal kits	\$510.00
13/04/2023	REPAIR	O'Connell DFC: Remove both ripper lift cylinders off machine and load onto pallet. Both machine pins were very tight coming out so took time but will clean up bores before reinstall and will be ok.	\$255.00
12/04/2023	REPAIR	O'Connell DFC: APH0350 Continue with reinstalling engine cooling fan. Multiple guard mounting bolt threads were damaged so had to tap all threads before guard bolts were fitted. fit solid steel lines to tilt valve with new seals. Note - replaced all o'rings on install of all fittings and hoses. Chnage over new precleaner - dust extractor on machine due to old unit fallen apart and faulty.	\$595.00

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12/04/2023	OTHER	Hastings: Supply hose assembly		\$673.14
11/04/2023	REPAIR	O'Connell DFC: Continue reassembling fan, torque all bolts to specification and change over all fittings in motor. Clean out radiators and final clean in behind grille of machine. Fit fan assembly to machine and start fitting all protection plates. Clean all hoses and pipes ready for fitment.		\$382.50
10/04/2023	REPAIR	O'Connell DFC: Remove lights and light covers from both blade lift cylinders. Remove lower mounts and sck cylinders all way in and secure. Disconnect cylinders and remove from machine. Disconnect all hoses and steel pipes from front of machine behind grille area to access machine cooling fan assembly. Remove all hoses and piping. Remove all fan protection plates and remove fan and motor. Pressure wash and remove fan from fan hub. Use puller to remove hub from old fan motor. Fit new motor onto mounting plate and fit hub. Fit fan. Clean up from day		\$595.00
8/04/2023	OTHER	Hastings: Supply Body as-prec		\$823.00
7/04/2023	OTHER	Hastings: Supply hyd cylinder seal kits		\$7,089.99
13/03/2023	REPAIR	Oconnell DFC: Start looking over machine for repairs and writing list of faults. Charge up batteries and eventually get machine started due to completly flat. Bring into main workshop. Set up on charget and get ready for belly plate removal. Start on minor repairs (@ 15622 Hours)	15622	\$255.00

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31/01/2023	REPAIR	O'Connell DFC: Travel to site, start up and diagnose oil leak at front end. Check all hosing in front of radiators for leakage (had to dig out of dirt). Appeared all ok. Took off radiator fan guards and found shaft seal leaking from fan motor badly. Found lots of plastic tightly wrapped around shaft. cleared off plastic and started up. Still leaking badly, will require repair. Put all covers back on and returned to workshop. (@ 15600 Hours)	15600	\$255.00
27/01/2023	REPAIR	Oconnell DFC: Travel to site and investigate oil leak on machine. Had to remove floor plates and seat to get to area. Found o'ring leaking from fitting going to main control valve. Remove clamps. replace o'ring. Travel back to workshop and get more oil. Fill up hydraulic oil tank and test. All ok. refit seat and all floor plates. This took time due to machine at full temp and very hot. All ok and running. put back to work. returned from workshop. (@ 15597 Hours)	15597	\$297.50
19/01/2023	REPAIR	K&R Hydraulics: Test/Repair steer pump and motor. Clean pump, strip & inspect boost pump/reassemble, lap boost pump wear plate, pretest pump, strip & assess, pump beyond economic repair. Reassemble pump for core return, strip and inspect motor. Reassemble and test motor		\$3,635.00
21/12/2022	REPAIR	YTEE: Remove and replace aircon hose from compressor to condensor, seal, floor and multiple panels. Had to be removed to complete job. Nitrogen test and vac system and change with 2kg R134A		\$1,085.00

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29/11/2022	REPAIR	HeavyQuip: APH0350 - S/N J8B02307 15527 hrs - Carry out site induction as required - Operator complaint of engine overheating - Blew out radiator and tested again with machine still getting hot - Used onsite pressure washer and cleaned out radiator cores further and tested again. All OK (@ 15527 Hours)	15527	\$400.00	
18/11/2022	OTHER	Hastings: Valve gp			\$358.74
14/11/2022	REPAIR	YHHS: Replace grease line to ripper box pin Parts: HOSE- DOUBLE BRAID-COMPACT- 2SC-0.25" HEX BOLT-METRIC- ZP-G 8.8 HOSE INSERT-JIC FEMALE- STRAIGHT FERRULE NON SKIVE 1 & 2 BRAID HOSE SPIRAL GUARD-16MM	\$106.00	\$49.07	
12/11/2022	OTHER	Hastings: Seal o-rings, rings, valve gp, housing assembly			\$1,518.74
11/11/2022	OTHER	Hastings: Hose assembly for aircon			\$229.09
10/11/2022	OTHER	Hastings: Supply of valve gp-pre regarding the blade lifting issues			\$328.03
9/11/2022	OTHER	Hastings: Hose assembly			\$316.85
9/11/2022	OTHER	Hastings: Valve GP			\$282.18
9/11/2022	OTHER	Hastings: Dryer			\$186.01
5/11/2022	OTHER	Hastings: Supply of retainer, seal o- ring, ring, spring,			\$125.52
4/11/2022	OTHER	Hastings: Supply ring, valve fill, seal, o-ring, valve			\$186.91
10/10/2022	OTHER	Next REGISTRATION RENEWALS - date postponed from 22-Oct-22			

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3/09/2022	OTHER	Hastings: Cm-hose stk, clamp, coolant		\$377.80
2/09/2022	REPAIR	OCONNELL DFC: Traveled to Hastings Deering to pick up heater hose required for machine. Travel to site, sign in and find machine, Drop belly plate and investigate leak. Heater hose had split hald way through. Change heater hose around engine and lower radiator hose as well. Fill with coolant, pressure test and fit belly plate. Test run. All ok. Pack up from job and return to workshop. (@ 15317 Hours)	15317	\$440.00
2/09/2022	OTHER	Hastings Deering: Hoses, clamp t-bolts, coolant eng		\$767.47
31/08/2022	REPAIR	OCONNELL DFC: Travel to Hastings Deering and pick up parts for job. Travel to site and meet with safety to asses SWMS. Get go ahead from site and travel to machine. Cut siezed bolts from belly plate so could drop, drop belly plate and investigate coolant leak.Nothing Obvious so removed RHS engine guards and looked further. Found leaking hose was coming from base of oil cooler connection. Cut off end of hose and reconneceted with fresh part of hose. Filled coolant and pressure tested. All ok. Fitted all guards on engine and belly plates after cleaning out. Put machine to work. All ok. Return to workshop. (@ 15312 Hours)	15312	\$480.00

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19/08/2022	REPAIR	OCONELL DFC: Travel to site and investigate transmission oil leak. Found leak from elbow in transmission filter housing. Remove all covers to gain access to fitting. Remove fitting and reseal. Test run, all ok. refit all covers and put machine back to work. Return from site (@ 15254 Hours)	15254	\$200.00
3/08/2022	SERVICE	Oconnell DFC: Carry out 250hr service as per manufactures specifications. Found leaks underneath and transmission oil level low. Lowered all belly guards. Transmission to torque converter hoses leaking from o'rings so reoved and resealed, took time due to location. Fould a bigger leak higher up. removed floor from machine to access. Found leaking lower transmission filter hose elbow. Removed bottom of hose and fitting, cleaned surface and replaced all o'rings. fit elbow to transmission and fit hose. Took time due to difficulty and location. Run machine and checked for leaks. All ok. Topped up transmission oil level. Clean out and refit all belly guards. Refit floor and floor matt. (@ 15136 Hours)	15136	\$640.00
18/07/2022	OTHER	HASTINGS: 1 X filter as -le, 1 x filter as, 1 x filter a-fuel		\$123.96
2/07/2022	OTHER	HASTINGS: 1 x alternator, 1 x alternator g, 1 x belt		\$3,118.71

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1/07/2022	REPAIR	OCONELL DFC - Travel to site. Investigate battery light on dash. Diagnosed faulty alternator. Order alternator. Wash ute when leaving site as requirement there. Drive to Hastings and pick up parts. Return to site and fit alternator and new belt. Check operation, all ok. Wash ute when leaving site again and return to workshop. (very heavy traffic). (@ 14985 Hours)	14985	\$560.00	
29/06/2022	REPAIR	YTEE- remove and replace faulty isolation switch. Test all operation. Supply dual pole isolation switch.		\$220.00	\$210.00
28/06/2022	REPAIR	ROADSIDE: D8T ripper pin locks x 5, D8T ripper pin lock washers, D8T ripper tyne adaptor and repair		\$2,075.00	\$79.55
28/06/2022	REPAIR	RUSTYS - replace worn sprockets segments, torque sprocket bolts		\$360.00	
28/06/2022	OTHER	RDW PARTS: 2 s segment 70 x segment bolt, 70 x washer, 70 x track nut			\$2,253.54
14/06/2022	OTHER	Next Service - meter reading postponed from 14374			
23/05/2022	SERVICE	Wren Diesel: Obtain machine and carry out 250hr service on machine Adjust track tension Replace muffler Repair RHS lower wiper motor (@ 14743 Hours)	14743	\$320.00	
21/05/2022	OTHER	HASTINGS: 1 X MUFFLET AS, 1 X Filter As, 1 x filger as, 1 x filter fuel, 1 x element as			\$1,836.96
20/05/2022	REPAIR	O'Connell DFC: Travel to site to investigate exhaust muffler leak. Machine requires new muffler. Machine also requires 250hr service. Return to yard and order parts (@ 14743 Hours)	14743	\$200.00	
16/05/2022	OTHER	SCW: Repair centre on equalizer bar		\$725.30	

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4/05/2022	REPAIR	HEAVYQUIP: Operator complaint of machine not selecting first gear in forward or reverse once machine is up to operating temperature - Ordered and collected required parts - Arrive at site and complete necessary sign in and maintenance forms - Had to wait 20mins for escort van to arrive - Confirmed active fault code present at time of repair - Code states clutch number five current below normal - Locked out machine and remove rear transmission access panel - Removed clutch number five modulating valve and installed replacement solenoid coil - Installed modulating valve back onto transmission and confirmed fault code now not active - Calibrated transmission modulating valve for solenoid coil replaced - Installed rear access panel - Replaced out engine air filter as requested (@ 14658 Hours)	14658	\$445.00	\$25.41
3/05/2022	OTHER	HASTINGS: 1 x coil assy, 1 x element assy			\$107.87

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2/05/2022	REPAIR	HEAVYQUIP:Order and collect track roller from Hastings Deering - Remove cab floor from machine - Remove required parts/panels to aid in repair - Remove and replace faulty transmission hoses as requested - Replaced transmission hoses - Operated machine up to operating temperature. All OK - Installed all parts/panels to aid in repair - Removed and replace RH side track roller due to failure as requested - Torqued hardware to OEM specifications - Installed cab floor (@ 14646 Hours)	14646	\$925.00	\$10.00
2/05/2022	OTHER	HASTINSG: 1 x roller gp, df 4 x bolt			\$1,177.27

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23/04/2022	REPAIR	HEAVYQUIP: - Collect transmission hoses from Hastings Deering - Arrive at site and complete check in and maintenance safety form - Wait for escort to maintenance yard - Arrived at maintenance yard and found machine not there - Further investigation found machine working when the repair job had already been booked in - Advised service manager of findings - Advised that a minimum four hour charge applied, however at a lower cost as discussed with service manager	\$400.00
21/04/2022	OTHER	HASTINGS- 2 X hose ass	\$216.08
20/04/2022	OTHER	HASTINGS: 2 x hose assy	\$426.83

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19/04/2022	REPAIR	HEAVYQUIP: - Collect transmission hoses from Hastings Deering - Complete required sign in and maintenance works safety forms - Cab floor already removed - Removed required parts to gain access to transmission hoses - Removed faulty hoses - Removed storboss fittings on transmission filter housing and transmission case and resealed - Installed replacement hoses - Installed all parts removed to aid in repair - Operate machine and test operation. All OK - Installed cab floor (@ 14574 Hours)	14574	\$1,045.00	\$19.62
19/04/2022	REPAIR	OCONNELL DFC: Travel to site and do induction. Carry out checks to identify oil leak. Order hoses for transmission and organise labour. (@ 14573 Hours)	14573	\$280.00	
11/04/2022	REPAIR	YHH - Replace blown blade tilt hose on RH side. Add 10L hyd oil		\$294.00	\$319.46

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23/03/2022	REPAIR	HeavyQuip: - Order and collect fuel filters as requested - Travel to site and change fuel filters - Primed filters - Operated machine through all RPM ranges. All OK - Inspect exhaust system as requested due to operator complaint of exhaust leaks - Confirmed operator complaint - Inspection found holes due to rust in main exhaust muffler assembly - Advised that exhaust would need to be removed to be repaired - Sourced replacement through OEM dealership and aftermarket however no parts available at the time of repair (@ 14472 Hours)	14472	\$270.00
22/03/2022	OTHER	HASTINGS- Filter A-Fuel, Filter As		\$70.80
27/01/2022	REPAIR	HEAVYQUIP: - Confirm operator complaint of implements not working - Checked fuses. All OK - Checked ground wires from implement ECM and found broken wire - Re-connected wire and tested operation - Confirmed all implements now working as they should (@ 14386 Hours)	14386	\$174.47
21/01/2022	OTHER	HASTINGS: Bolt, Washer, Nut-square		\$75.72

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20/01/2022	REPAIR	HEAVYQUIP: - Confirm operator complaint of GPS screen not turning on - Also advised of RH push arm trunnion cap missing bolt - Checked electrical power at back of GPS unit. No power going into unit - Couldn't identify power source - Removed cab floor and inspected. No inline fuses located under cab floor - Installed flooring. - Collect parts from Hastings Deering - Install missing RH push arm hardware - Checked opposite push arm hardware - Opened battery panel and checked all fuses - All fuses in operational condition however compacted dirt inside fuse terminal. Cleaned out and checked operation - Confirmed GPS now working - Checked tightness of all electrical connections for GPS from blade through to cab. All OK (@ 14391 Hours)	14391	\$444.47
18/01/2022	REPAIR	MECQ: Remove and replace blown hose on D8T at Ripley. Remove floor mats, seat, floor covers, rear wall of cab and ECM's. Remove hose from rear valve bank to front blade cylinder, reseal leaking flange face fittings.		\$3,072.70

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15/01/2022 REPAIR

HeavyQuip: - Confirm operator complaint of RH track tension slack
- Tensioned track and found grease coming
back out of fill valve
- Collected replacement valve and installed
- Advised operator to report if issue continues Operator complaint of RH track tension not staying tensioned again
- Advised by operator that tension stays prolonged now however eventually goes down
- Advised workshop manager that machine would be need to be brought back to workshop to remove cannon and re-seal track adjuster
- Ordered necessary parts needed for repair Collect required tooling for repair
- Travel to Yatala Workshop
- Move machine into workshop and setup for repair
- Drain track frame oil and separate track
- Remove key ways and remove cannon assembly
- Inspection found track adjuster seals worn/damaged
- Cleaned piston of surface rust
- Removed outer retaining ring for cannon Collect parts from Hastings Deering
- Travel to workshop
- Removed RH carrier roller and

14317 \$3,860.00

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		replaced		
		- Re-sealed RH track adjuster		
		- Installed new cannon seal in track frame		
		- Installed cannon assembly and key ways		
		- Filled with replacement oil for track frame - Collected bolts for master link from Hastings Deering that arrived		
		- Connected track		
		- Torqued hardware to OEM specifications		
		- Adjusted track tension on both sides		
		- Removed LH carrier roller and replaced		
		- Operated machine and confirmed no leaks present and RH track tension held OK (@ 14317 Hours)		
31/12/2021	OTHER	Kommand Inv 4242- December hire Hemisphere VR500		\$2,080.00
21/12/2021	OTHER	Yatala Hydraulic & Hose: Hose-double braid, adaptor, hose inserts, ferrule non skive, sprial guard	\$147.00	\$83.00
13/12/2021	OTHER	hastings deering inv 2014318611 - 4 x bolt		\$91.04
13/12/2021	OTHER	Hastings Deering Inv 2014318866 - 2 x bolt		\$11.42
9/12/2021	OTHER	HASTINGS: Ring x 3, Seal, Roller GP St x 2, O-ring		\$2,364.00
9/12/2021	OTHER	Hastings Deering: Inv 2014318326 1x 9X4584 Seal As		\$431.15
3/12/2021	REPAIR	JJW: Collect alternator and belt. Fit and test (@ 14309 Hours)	14309	\$250.00
3/12/2021	REPAIR	JJW: Remove alternator after bearing has collapsed. Stripped down ready to fit new alternator. (@ 14309 Hours)	14309	\$153.00
3/12/2021	REPAIR	JJW: Fit new belt. Alternator bearing U/S (@ 14309 Hours)	14309	\$75.00

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2/12/2021	REPAIR	JJW: Remove broken serpentine belt. Complete undercarriage inspection in workshop. Repair grab handle on L/H side. Tighten RH track. Fit new 9kg fire extinguishers and grease machine. (@ 14309 Hours)	14309	\$130.00
2/12/2021	REPAIR	JJW: Travel to site to order parts		\$75.00
3/11/2021	REPAIR	HEAVYQUIP: All works carried out by HeavyQuip from 20.9.21 to 3.11.21 = \$5367.30		\$5,367.30

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2/11/2021	REPAIR	HEAVYQUIP: Check all fluid levels before carrying out testing - Operate machine up to operating temperature - Recalibrated steering control lever - Confirmed that steering to the left significantly improved at low idle - Connected all necessary gauges and carried out pressure testing of hydraulic steering pump - Moved machine to outside of workshop - Operated up until operating temperature - Tracked machine in second gear in a straight line to observe that machine is tracking straight - Test observed that machine is steering to the left uncontrolled over a 50meter distance - Adjusted steering pressures again - Tested tracking again and confirmed all OK - Retested steering drive loop pressures. All within OEM specifications - Moved machine back into workshop - Installed all belly guards removed - Installed all panels removed - Installed cab floor - Installed seat base and seat assembly - Installed cab floor matting - Carried out pre-hire inspection form	
28/10/2021	OTHER	Next REGISTRATION RENEWALS - date postponed from 22-Oct-21	
28/10/2021	REPAIR	SALMON EQUIP: Strip and assess faulty D8T steer pump as requested. Replace faulty parts as discussed and reseal pump.	\$3,465.36

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21/10/2021 REPAIR

HEAVYQUIP: Approval for steering pump removal

- Drain hydraulic oil into clean suitable containers
- Remove all necessary hydraulic hoses, electrical connections connected to steering and fan pump
- Removed both pumps from machine
- Placed steering pump onto pallet for transport
- Install hydraulic steering pump after repairs carried out by Salmon Earthmoving
- Re-sealed steering pump mounting and fan pump mounting seal
- Installed both hydraulic pumps
- Connected all hydraulic hoses that had been removed with new seals
- Connected all electrical harnesses
- Topped up hydraulic oil level
- Replaced upper bearing in steering control lever due to being stiff
- Hydraulic pump mounting seals - Steering lever bearing

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1/10/2021 REPAIR HEAVYQUIP: Completely remove seat assembly and remaining floor plates to gain better access

- Had to remove hydraulic suction hoses to steering and fan pumps to gain access to servo valve mounting hardware
- Removed servo valve assembly
- Tested operation and confirmed valve moves as it should
- Noticed small small scuffing marks on spool however
- Cleaned out solenoid valve spools
- Cleaned out orifices in servo valve
- Installed back into machine
- Installed hydraulic hoses that had been been removed
- Topped up hydraulic oil level
- Tested operation and confirmed steering
- fault hasn't changed
- Advised that steering pump would need to be removed and inspected to repair issue
- Cleaned work area and packed up tooling
- Hydraulic filters

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29/09/2021 REPAIR

HEAVYQUIP: Observed no change in charge pressure when steering left
- Pressure tested drive loop circuit
- RH steer pressure read at 5900psi which is within OEM specifications
- LH steer pressure read at 1500psi. Significantly lower than required setting
- Removed both drive loop hoses and capped outlet of steering pump with metal blanking plugs
- Capped all other openings to prevent any contamination entering
- Operated steering lever to RH and LH circuits
- Confirmed pressure read the same as previous which ruled out any issue with differential steering motor or steering clutch assembly
- Swapped over solenoid assemblies again on steering pump
- Operated and noticed hydraulic noise change from once side to the other during stall condition
- Checked resistance of coils. All OK
- Checked voltage at solenoids during steering operation through the whole travel of steering handle. All within expected readings
- Moved machine into workshop due to heavy rainfall expected
- Removed hydraulic return filter and hydraulic charge filter
- Cut open and inspected
- Inspection found higher than reasonable amounts of metal/brass contamination inside
- Advised of findings (@ 14209 Hours)

14209

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28/09/2021 REPAIR HEAVYQUIP: Install missing LH 14209

ROPS light. Test operation. All OK

- Replace two position light switch in cab due to original being faulty
- Relocated machine into wash bay
- Remove wiper reservoir assembly
- Replaced all four wiper pumps due to not pumping
- Installed reservoir and tested operation. Pumps now working however four wiper jets blocked with dirt
- Unblocked and tested operation. All OK
- Replaced all wiper blades due to wear
- Noticed on exit of wash bay that left hand steering function very slow at low idle
- Once higher RPM applied steering appeared significantly improved
- Advised of fault and inspection of issue approved by service manager Carried out further operational testing to identify any particular change in operation
- Calibrated steering control handle
- Confirmed no change to steering fault after calibration
- No active/logged codes relating to steering system
- Removed front cab floor
- Changed over solenoid stems and coils. Calibrated steering lever again due to changing over solenoid assemblies
- Tested operation. No change in steering fault
- Re-located solenoid assemblies back into original position
- Carried out in depth pressure testing to identify issue

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Date	Type	Description	Hours	Cost	Balance
28/09/2021	OTHER	- Hydraulic servo pressure setting and charge pressure OK in accordance with OEM specifications (@ 14209 Hours) HASTINGS: Lamp gp-floo, blade a, switch as-ro		\$265.15	
20/09/2021	REPAIR	HEAVYQUIP" 14209hrs - Carry out off hire inspection - Top up low engine oil level - Check all other fluid levels - Blow out all air filters - Cable tie excessive loose electrical harnesses - Remove tyre stuck between LH chassis rail and track frame - Repair hydraulic oil leak at rear control valve cover - Wash around control valve area and test operation. Confirmed hydraulic oil leak now OK - Repair numerous lights not working by replacing light bulbs - Remove hydraulic oil cooler mounting hardware and pull back cooler to remove excess dirt and grass build up - Tension tracks (@ 14209 Hours)	14209		
9/09/2021	REPAIR	FERAL METAL: Repair ripper		\$900.00	
3/09/2021	OTHER	ITR: Nose weld - Ripper 2H, Tip ripper c/line int, retainer STD, Pin lock		\$362.00	
1/09/2021	REPAIR	YHHS: Replace damaged blade tilt hose. Adjust blade lift hose to stop rubbing on adjacent pipe		\$157.00	\$143.44
21/08/2021	SERVICE	MCPHEE DIESEL: Travel to site and carry out 250hr service		\$484.00	
20/08/2021	OTHER	HASTINGS: 2 x Battery-31		\$542.34	
19/08/2021	REPAIR	MCPHEE DIESEL: Remove old joy stick, install new part, test OK		\$384.00	
16/08/2021	OTHER	HASTINGS: 1 x Cont Gp-Joys		\$1,329.53	

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11/08/2021	REPAIR	GC HYDRAULICS: Repair hyd hoses: Supply and install hyd hose assembly, supercat flange ring spacer, split clamp kit,	\$680.00	\$1,267.59
8/08/2021	REPAIR	MCPHEE DIESEL: Diagnose and repair fault with AC> Fit engine bay strut end and loctite. Put ET on to diagnose faulty RHS joystick. Supply and install cab recirc filter and plate assembly to retain	\$472.50	\$318.35
14/07/2021	REPAIR	MECQ: Inspect and repair Hyd and AC fault. Found no hyd fault, checked AC and found blower motor bearings collapsed. Returned to site next day with new blower motor, removed batteries, HVAC box, panels and covers to remove AC blower motor, replace motor, cleaned out evaporator core that was blocked. Refitted all components and tested ok. Machine returned to service	\$604.10	
14/07/2021	OTHER	HASTINGS: Fan assembly		\$467.35
12/07/2021	REPAIR	WESTRAC: Steering without command fault logged. Removed the cab floor, inspected the wiring to the steering speed sensor. Updated the Powertrain ECM software. Investigated the blade tilt fault logged. Repaired a rubbed wire at the blade tilt solenoid.	\$821.60	\$625.65
6/07/2021	OTHER	DCT: Pulley as idler		\$112.39
2/07/2021	REPAIR	HR: Reinstall belt to machine broken pulley mounting. Remove belly plates, leaking sump gasket, transmission leaks, removed floor. Remove ALT & Aircon, remove pulley hosing bracket, reinstalled all components (@ 13925 Hours)	13925	\$350.00
2/07/2021	OTHER	WESTRAC: Screw-thumb x 4		\$91.76

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17/05/2021	SERVICE	PC Diesel: Assemble and install blade assembly. Investigate diff steer issue, diagnose and correct blade tilt hose issue, check all pinned joints and bearing for signs of wear, complete 250hr service		\$836.00	\$41.01
17/05/2021	SERVICE	HR: Engine oil and filter service. Installed cabin fire extinguisher with new mounting bracket. Removed exhaust tip and wash. Assit with install of beacon (@ 13849 Hours)	13849	\$245.00	
17/05/2021	REPAIR	HR: Installed blade assembly to dozer as was removed for transport including shimming all blade tilts pin blades as had too much movement. Installed all other components including blade tilt hoses and sideshift hose assemblys in correct places using Catsis Diagram (@ 13849 Hours)	13849	\$210.00	
19/12/2020	OTHER	VALUEPART: 2 x Track roller, 8 x roller bolts, 8 x washers,			\$1,457.50
20/10/2020	OTHER	WesTrac - Cap Washer Bolt			\$206.00
14/07/2020	OTHER	Sydney Trucks & Machinery - Upper roller assembly			\$560.45
13/07/2020	OTHER	WesTrac - Motor GP-wip, Switch			\$913.79
7/07/2020	OTHER	WesTrac - Seal o'ring, hose assemblies			\$909.91
28/11/2019	OTHER	MCS: 1 x Cable			\$444.50
15/11/2019	OTHER	MCS: Set up Topcon GPS			\$2,915.29

Stock No: APH00350

Caterpillar D8T Dozer

Serial No: J8B02307

Reg No: 94874D

12/11/2019	OTHER	EPM: Unload float, remove x 2 blades and components. Assemble blades and installed to dozer body. Plumbed all lines, secured. Installed GPS unit to machine. Loaded dozer onto float for transport. Recorded all required information. Completed all required paperwork. Cleaned surfaces (grind) and welded hand-rail plate to arm of blade as requested.	\$2,080.00
10/11/2019	OTHER	RYANS: Remove blade and push arms from machine, check over machine for hire, check final drives, adjust tracks, diagnose fan speed fault, diagnose LH door wiper	\$340.00
4/11/2019	REPAIR	ACEMEC: Test pressure sensor fault, found sensor failed. Test a/c	\$190.00
31/10/2019	OTHER	EPM: Unloaded float, removed x 2 blades & components. Assembled blades and installed to dozer body. Plumbed all lines, secured. Loaded dozer onto float for transport. Installed all GPS components for Machine (supplied). Recorded all required information. Completed all required paperwork. Two mechanics required to assemble and fit	\$1,740.00
29/10/2019	OTHER	WESTRAC 1 x seatbelt	\$265.47
28/10/2019	OTHER	GL: Wire in GPS tracker	\$75.00
15/10/2019	OTHER	WESTRAC: 16 x bolts, 8 x washer, 4 x cap as-track	\$244.48
20/09/2019	SERVICE	Carry out service as per manufacturers specs (@ 10642 Hours)	10642
20/09/2019	SERVICE	Carry Out Service (@ 10642 Hours)	10642
12/06/2019	OTHER	Fit New Undercarrige , rollers, track chains, Grousers , Idlers & Drive sprockets (@ 10545 Hours)	10545

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20/05/2019	OTHER	Changed Batteries	10563
		Fit New LED Beacon	
		Fit New Undercarriage, Rollers, Track Chains, Grousers, Idlers and Drive Sprockets (@ 10563 Hours)	
16/02/2019	REPAIR	Fit New LED beacon	
10/01/2019	SERVICE	Carry Put Service (@ 10246 Hours)	10246
10/01/2019	OTHER	Carry out service as per recommendation by manufacturer (@ 10246 Hours)	10246

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1/11/2018	OTHER	Fill Centre Spill Guard on Blade Grill Clean Down Entire Machine Replace Hydraulic Hoses Including 209- 1456 1457 1453 1454 1458 Drop and Clean Body Guards Turn Centre Cutting Edge and Repace Corner Tips Repair Oil Leak on Front of T/C Change Find Desire Oil RH Plug Clean LH Plug No. 1 Wear Rating Check Equaliser Centre and Side Pins Centre 0.65mm Side Zero C/O Engine Air Filter C/O Cab Replace Hydraulic and Transmission Filters Re- Seal High Tank and Suction Filter (@ 10400 Hours)	10400
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1/11/2018	OTHER	Clean A/C Evapotator and Chock/Seal Vent Ducting Repair Wiper Sprays (@ 10400 Hours)	10400
12/02/2018	SERVICE	250 Hours Service Engine Oil Filter at Nyngan (@ 9721 Hours)	9721
12/02/2018	OTHER	Change Oil and Filters in Transmission/Torque Change Hydraulic Filter Blow Out Cooler (@ 9915 Hours)	9915
3/10/2017	REPAIR	Re-Sealed Sump - Engine Replaced Pins and Bushes in Blade Tilt Cylinders and Blade Knuckles Adjusted Shims in all Blade and Ripper Linkages Repaired Coolamt Leak Repaired Oil Leak on Front of T/C Housing Cleaned Belly Guards Fitted New Oil Filter and Oil after Resealing Sump (@ 9400 Hours)	9400
16/08/2017	SERVICE	250 Hour Service (@ 9313 Hours)	9313

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9/05/2017 OTHER Fit Two New Tracks and Plates 9067

LH Tilt Ripper
Ram
Reseal
Lights
New

Cutting Edge and Ripper
Boot
Replace RH Blade Lift Ram Rod
and Seals
Service GPS (@ 9067 Hours)

12/04/2017 OTHER Change Engine Oil and Filters 9023

Change Transmission
Oil
Change Hydraulic
Filters

Blow Out Engine and
Gas
Filters
Replace Engine Sump
Gasket

Replace Transmission
Hose to Oil
Cooler
Repair Coolant Hose
Clamp

Top Up Pivot Bar
Oil
Replace Final Drive
Oil
Replace

Stereo
Clean Down
(@ 9023 Hours)

\$90,746.57 \$58,875.96