

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

Cat: DOZ6

Year: 2010

Provisional?:

Supplier:

Model: Caterpillar D6R

Under Repair?

Log

<i>Date</i>	<i>Type</i>	<i>Description</i>	<i>Meter</i>	<i>Labour</i>	<i>Parts</i>
6/05/2024	OTHER	Next REGISTRATION RENEWALS - date postponed from 28-Apr-24			
20/02/2024	REPAIR	JB: Refit engine covers, fit and torque blade trans. Fit blade (@ 11097 Hours)	11097	\$350.00	
16/02/2024	REPAIR	JB: Replace fuel injectors number 1-5. Number 6 previously done		\$350.00	
15/02/2024	REPAIR	JB: Removed and cleaned engine oil cooler		\$350.00	
14/02/2024	OTHER	Westrac: Supply injector g-f, ring-backup, seal o-rings			\$6,990.90
15/01/2024	REPAIR	RDS: DOWNLOAD PRODUCT STATUS REPORT LOOK THROUGH THE STATUS REPORT SEND OFF TO TONY		\$195.00	
29/11/2023	REPAIR	YTEE: Siezed A/C compressor Diagnosis: Required A/C compressor & reciever drier C/O Repairs: A/C gas recover, removed and replaced compressor and receiver drier. Pressure test system, found no leaks, VAC down, introduce oil into system & Regas system A/C system gas fill: 1x refill		\$360.00	\$140.00

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20/11/2023	REPAIR	RDS: Remove FAN SHROUD REMOVE AC BELT FIT NEW AC BELT RETENTION BELT FIT FAN SHROUD AC COMPRESSOR SIEZED REMOVE AC BELT REMOVE CUTTING EGES CLEAN UP CENTRE CUTTING EGDES CLEAN MALBORED AND FIT CUTTING EDGES FIT NEW CORNER TIPS PICK UP WELDING TRAILER FROM OUR WORKSHOP PREP AND CLEAN BLADE TO WELD ON OLD CUTTING EDGE WELD ON CUTTING EDGE FIT FRONT BELLY GARDS (@ 11088 Hours)	11088	\$975.00
20/11/2023	OTHER	Napa: Supply Comp Cat Construction Equip VRS		\$455.50
20/11/2023	OTHER	ITR: Supply End bit, bolt, nuts, washers		\$319.28
18/11/2023	REPAIR	RDS: REMOVE FAN SHROUD REMOVE FAN BELTS FIT NEW A/C BELT BELT WAS TOO BIG TRIED TO SORUSE NEW BELT COULDN'T GET ONE TILL MONDAY FIT 2 BELLY GARDS (@ 11088 Hours)	11088	\$715.00
17/11/2023	REPAIR	RDS: FITTED SUMP UP WITH NEW GASKET FILLED WITH OIL DID ANOTHER OIL FLUSH TESTED OIL PRESSURE TESTED DOZER (@ 11088 Hours)	11088	\$260.00
17/11/2023	OTHER	Hastings: Supply gasket-oil, v-belt		\$157.28

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16/11/2023	REPAIR	RDS: REMOVE THE REST OF THE MAIN CAPS DO BEARING ROLL REMOVE GEAR OFF OLD OIL PUMP CLEAN AND FIT GEAR ON TO NEW OIL PUMP FIT SUCSON PIPE BOLT UP OIL PUMP CLEAN SUMP FIT SUMP FILL WITH OIL RUN UP AMD TEST SUMP LEAKED SO DRAINED AND REMOVED SUMP (@ 11088 Hours)	11088	\$1,170.00	
14/11/2023	REPAIR	RDS: Remove all big end caps, do a bearing roll on all big ends. Strip oil pump to see internal damage (@ 11088 Hours)	11088	\$910.00	
14/11/2023	OTHER	Hastings: Supply pump (due to low oil pressure issue)			\$818.00
14/11/2023	OTHER	Hastings: Supply 7 x Main bearing and 6 x Bearing (due to low oil pressure issue)			\$771.31
11/11/2023	OTHER	Hastings: Supply 2 x gaskets and 2 x Seal o-rings (for repair of low oil pressure)			\$172.43
10/11/2023	REPAIR	Active Diesel Services: Travel to site to inspect for engine alarm coming in. Connected ET, found 5 x low engine oil pressure faults. Connected gauge, ran machine for 10 mins and engine oil pressure dropped to 8 psi. Shut down machine, cut filter and found sandy type material inside. Suggest getting back to workshop and dropping sump to inspect further. (@ 11087 Hours)	11087	\$480.00	\$141.90
13/09/2023	REPAIR	SS: Run up machine and get hot test pressures. Run at idle for 45-50mins. Run at 1800rpm for 45 mins. Run at full noise for 15 mins. All pressure OK both digital and analogue (@ 11085 Hours)	11085	\$490.00	

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12/09/2023	OTHER	SS: Remove oil filter housing PRV's and checked for damage / cleanliness. Run machine up and conducted diagnostic checks and checked pressures both digital and analogue. No indication of residue dropping (@ 11085 Hours)	11085	\$525.00	
30/08/2023	OTHER	Hastings: Sensor GP			\$370.00
14/08/2023	REPAIR	HPE Solutions: 20.7.23 - Remove rocker cover and check parts. Wrong injector supplied, refit rocker cover. 22.7.23 - Remove rocker cover etc, remove injector from cylinder #6 and clean injector sleeve. Vac out cylinder and clean out, Fit new injector and tension hold down clamps/bolts. Run engine and inspect for leaks. Test all injectors. Refit rocker cover, air box etc. Test run machine (@ 11078 Hours)	11078	\$550.00	\$1,514.65

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14/08/2023	REPAIR	HPE Solutions: 17.7.23 - Inspect for low oil pressure fault/cause. Drop belly plates, drain oil, remove vac drain hose and dipstick tube. Unbolt and remove sump and inspect oil remaining. Found gasket pieces and half o-ring. Remove, inspect and clean pick up tube. Remove, inspect and clean oil pump pressure elbow. Temporarily refit sump to seal up until parts arrive. 18.7.23 - Remove sump and replace oil pick up tube gasket and oil pump pressure seals. Clean and refit sump with new gasket. Refill engine oil. Check oil pressures, fuel pressure etc. Low/miss at idle. Remove airbox, rocker cover and inspect #6 injector bypassing oil. Refit belly plates, refit rocker cover and airbox to temp seal up engine. Parts supplied: Sump gasket, pick up tube gasket and o-rings (@ 11078 Hours)	11078	\$1,265.00	\$178.22
20/07/2023	REPAIR	Colemans Mobile Diesel: Inspect low oil pressure light coming on - installed oil pressure gauge & found oil pressure below spec - removed & cleaned oil filter bypass valves - removed & cut open oil filter (no excessive debris) - took engine oil sample then replaced engine oil (no change) **Oil pump/pick up tube issue or faulty injector** (@ 11078 Hours)	11078	\$272.73	\$269.32

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2/06/2023	REPAIR	Oconnell DFC: Adjust machine track tension (LH side), appears tensioner is starting to bypass slightly. Remove and weld LH side fire extinguisher mound/upper machine guard back together due to crack and split apart. Carry out machine on-hire.	\$190.00
17/05/2023	REPAIR	Oconnell DFC: Refit final drive to machine and torque all mounting bolts. Fit axle into machine and fill with new oil. Connect track and torque new track bolts. Adjust track tension. Clean up from job.	\$340.00
9/05/2023	REPAIR	Oconnell DFC: Clean up all mounting surfaces, replace o'ring and fit final drive assy to machine. Bolt up. Inspected mounting and found offset of new hub to be incorrect and sprocket segments 30 - 40 mm off centre. Removed final drive again and took back to Salmons. Carried out measurements and parts checking to source correct final drive and replacement seals and bearings (under warranty from Tillys). Organised all correct parts and will deliver to Salomons when they arrive. Clean up work area and tooling.	\$340.00
9/05/2023	OTHER	Tilly's: Supplied spindle, seal, bearing, bolts	\$3,634.66
27/04/2023	OTHER	Hastings: Supply Hex bolt, washer, seal and track bolts	\$192.15
26/04/2023	REPAIR	O'Connell DFC: Organise new spindle for LH side final drive and delivery to yard. New spindle required due to cracking on old one and a broken tooth.	\$85.00
26/04/2023	OTHER	Tilly's: Supply Spindle (final drive failure)	\$2,931.33

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20/04/2023	REPAIR	O'Connell DFC: Bring machine into workshop and split track. Drain final drive oil LH side. Remove drive axle and remove final drive unit off machine. Package up ready for replacement of duo cone seal at Salmons. Seal up side of machine to eliminate contamination.		\$255.00	
18/04/2023	OTHER	Next REGISTRATION RENEWALS - date postponed from 28-Apr-23			
14/03/2023	REPAIR	Oconnell DFC: Carry out machine off-hire. Rewire flashing light into cabin. Took time due to access through cabin was difficult. Repaired 2 way radio hand piece mount. Adjusted belts again, not loose buty still making noise on startup for short period. Is better but still cant completly eliminate it without over tightening. (@ 10985 Hours)	10985	\$340.00	
10/03/2023	REPAIR	Oconnell DFC: Refit all engine guards and pannels after cleaning and repairs carried out on engine. Top up all oil levels. Remove call sign off roof due to mounting bracket broken. Weld up and repair bracket. Drill and tap broken mounting bolt, took time. Carry out machine on-hire and assist with loading. (@ 10964 Hours)	10964	\$425.00	
9/03/2023	REPAIR	YHHS: Supply hose assembly as sample at workshop		\$106.00	\$71.41

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9/03/2023	REPAIR	Oconnell DFC: Refit RH blade lift cylinder and test. All ok. Lower rear belly plate looking for oil leak, found torque converter hose hardened and leaking at clamp. Remove hose, took time due to location. Had new hose made, change o rings and fit new hose. Clean and test, all ok. Refit belly plate and clean up from job. (@ 10964 Hours)	10964	\$425.00	
9/03/2023	OTHER	Hastings: Supply RH lift cylinder			\$249.56
8/03/2023	REPAIR	O'Connell DFC: Bring machine into workshop and carry out mechanical inspection. Remove both engine doors and all engine guarding to access fanbelts. Remove fan belts to access alternator drive belt. Remove drive belt but took time due to all siezed. All adjusters siezed and mounting bolts siezed. Got off and remove adjuster, clean all threads and lubricate. Work threads clean. Fit new belt and adjust, refit fan belts and adjust all belts. Start and run, all ok. Remove RH side blade lift cylinder due to leaking gland. Organise seal kit and get cylinder delivered to salmons for rebuild (@ 10964 Hours)	10964	\$510.00	
8/03/2023	REPAIR	Rob Welding: Make template for skin and weld wear strips on blade		\$500.00	

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13/02/2023	SERVICE	Hastings: Perform - 500 Service Hour Maintenance. COOLING SYSTEM COOLANT SAMPLE (LEVEL 2) - OBTAIN - FINAL DRIVE OIL SAMPLE - OBTAIN - HYDRAULIC SYSTEM OIL SAMPLE - OBTAIN - TRANSMISSION SYSTEM OIL SAMPLE - OBTAIN - ANGLE BLADE MANUAL TILT BRACE - LUBRICATE - BELTS - INSPECT/ADJUST/REPLACE - BULLDOZER - LUBRICATE - ENGINE OIL SAMPLE - OBTAIN - EQUALIZER BAR CENTER PIN - LUBRICATE - EQUALIZER BAR END PINS OIL LEVEL - CHECK - FINAL DRIVE OIL LEVEL - CHECK - FUEL TANK WATER AND SEDIMENT - DRAIN - PIVOT SHAFT OIL LEVEL - CHECK - TRACK - CHECK/ADJUST - COOLING SYSTEM COOLANT SAMPLE (LEVEL 1) - OBTAIN (@ 10939 Hours)	10939	\$923.00	\$912.39
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14/11/2022 REPAIR

Hastings: CUSTOMER

\$3,650.00 \$2,395.84

COMPLAINT:

- DIAGNOSTIC FAULT CODES
PRESENT.

RESULTANT DAMAGE:

- NIL

CAUSE OF FAILURE:

- VOLTAGE ABOVE NOR TO
FUEL LEVEL SENDER.

- CURRENT BELOW NORMAL
TO PARK BRAKE SOLENOID.

- ABNORMAL UPDATE RATE
TO TRANSMISSION SPEED

SELECTOR CONTROL.

REPAIR PROCESS COMMENTS:

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- 10.10.2022 – MURRAY ATKINS

- TRAVEL TO SITE.

- COMPLETE PERSONAL RISK
ASSESSMENT

- REMOVE OPERATOR
STATION FLOOR PANEL.

- REMOVE FAILED PARK
BRAKE SOLENOID AND
REPLACE WITH NEW.

- REMOVE TRANSMISSION
GEAR SELECTOR BUTTONS
AND REPLACE WITH
UPDATED PART.

- START AND RUN MACHINE.

- CHECK FOR FURTHER
DIAGNOSTIC FAULT CODES.

- FOUND THE FUEL LEVEL
SENDER INTERMITTENTLY
READING EMPTY AND DTC
FOR VOLTAGE ABOVE
NORMAL WOULD BECOME
ACTIVE.

- TROUBLESHOOT FUEL
SENDER AND HARNESS.

FOUND THE FUEL SENDER TO
BE FAULTY.

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- 04.11.2022 – MURRAY ATKINS
- TRAVEL TO SITE.
- REMOVE THE FUEL LEVEL
SENDER AND REPLACE WITH
NEW PART. START MACHINE
AND TEST NO FURTHER
FAULTS WITH FUEL SENDER.
- NO FURTHER FAULTS
FOUND.
- RETURN MACHINE BACK TO
SERVICE.

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14/11/2022 REPAIR

Hastings: - 03.11.2022 –
MURRAY ATKINS
- TRAVEL TO SITE.
- REMOVE GUARDING TO
GAIN ACCESS TO FAN BELTS.
FOUND THE FAN AND A/C
BELT HAVE FAILED DUE TO
FAILURE OF THE FAN HUB.
- REMOVE ENGINE BAY
GUARDING. REMOVE FAILED
FAN BELTS.
- REMOVE FAN GUARD.
- REMOVE MOUNTING BOLTS
AND REMOVE FAN HUB. THE
BOLT HAD FAILED IN THE
FAN HUB ALLOWING THE FAN
HUB TO SEPARATE ON
REMOVAL CAUSING
DIFFICULTY TO LIFT THE HUB
OUT OF THE LIMITED SPACE.
DISASSEMBLE THE FAN HUB
AND FOUND FRONT BEARING
HAD FAILED AND THE BOLT
THAT RETAINS THE BEARING
AND HUB HAS BROKEN.

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- 08.11.2022 – MURRAY
ATKINS-
- TRAVEL TO SITE.
- RE ASSEMBLE FAN HUB AND
PACK BEARINGS WITH
GREASE PRIOR TO
INSTALLATION.
- INSTALL RETAINING BOLT
WITH LOCTITE AND TORQUE.
- LIFT FAN HUB INTO
POSITION.
- START FAN MOUNTING
BOLTS. TIGHTEN MOUNTING
BOLTS. INSTALL NEW FAN
BELTS.
- INSTALL GUARDING FOR
FAN SHROUD. INSTALL A/C

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		CONDENSER. - INSTALL FAN BELT GUARDING AND ENGINE BAY GUARDING. - INSTALL FAN AND TORQUE MOUNTING BOLTS. - START AND RUN MACHINE FOR TEST. NO FURTHER FAULTS FOUND. - TIDY UP WORK SITE AND RETURN MACHINE TO SERVICE.			
27/09/2022	OTHER	ITR: Wear strip track frame, washers and bolts		\$603.52	
14/09/2022	REPAIR	O'Connell DFC: Finish repairing exhaust stud. Finish service on machine. Adjust all fanbelts on machine. (@ 10722 Hours)	10722	\$320.00	
13/09/2022	SERVICE	O'Connell DFC: Carry out 500hr service as per manufactures specifications (@ 10722 Hours)	10722	\$400.00	
7/09/2022	OTHER	Hastings: Filter and element		\$165.02	
30/08/2022	REPAIR	A&C Auto Electrics: Call out and labour to readjust blade and rechecked		\$181.50	\$22.00
20/08/2022	REPAIR	PIRTEK: REMOVE AND REPLACE BLADE CYLINDER HOSE AS REQUESTED BY SHAUN. BOSS DRIVE, CABOOLTURE SOUTH. . NB: AFTER HOURS JOB, MINIMUM TIME APPLIES		\$560.00	\$422.61
16/08/2022	REPAIR	A&C Auto Electrics: Callout and labour to diagnose to IGN, found short on main key circuit, found new battery main relay had failed internally, replaced relay under warranty, replaced fuse, reassembled and rechecked. Consumables (@ 10632 Hours)	10632	\$605.00	\$11.00

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9/08/2022	REPAIR	YTEE: Proceed to site Ruby street South Caboolture. Check fault with AC, found leak on hose at the accumulator. Leaking on quick connect hose on the receiver dryer. Repair and regas as required. Need more parts to complete		\$440.00	\$140.00
5/08/2022	OTHER	HASTINGS: 1 x dryer As			\$129.57
4/08/2022	OTHER	HASTINGS: 1 X PANEL GP		\$2,832.37	
3/08/2022	OTHER	HASTINGS: 3 X gasket edge			\$47.79
26/07/2022	REPAIR	O'Connell DFC: Organise parts and labour to replace leaking A/C accumulator on dozer. Being repaired first thing 27/7/22. (@ 10534 Hours)	10534	\$80.00	
14/06/2022	REPAIR	O'Connell DFC: Fit new wiper blades (@ 10361 Hours)	10361	\$80.00	
2/06/2022	OTHER	HASTINGS: 4 x pin, 14 x nut, 8 x washer, 4 x cotter pin, 14 x washer			\$257.36
1/06/2022	REPAIR	O'Connell DFC: Finalise machine before site. Fit new bolts to access plates on track frame. Finish belly plates and carry out pre-hire check list. (@ 10301 Hours)	10301	\$160.00	
1/06/2022	OTHER	ITR: 4 x M16 bolt, 4 x M16 nut, 4 x M16 washer, 2 x M10 bolt, 2 x M10 nut, 2 x M10 washer, 16 x M10 bolt			\$36.26
31/05/2022	REPAIR	Feral Metal: Repair lugs on dozer		\$1,620.00	
31/05/2022	REPAIR	O'Connell DFC: Run machine up, check all repairs and move to wash bay for final cleaning. Start fitting belly plates (@ 10301 Hours)	10301	\$160.00	

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30/05/2022	REPAIR	Wren Diesel: Remove trunnion caps, reshim ans fit new bolts Remove main belt tensioner, run die down tensioner. Tension main belts, A/C belt and alternator belt. Tension front push arm bolts. Replace front grill bolts Fit side panels on engine Top up hydraulic oil Fit two way holder		\$560.00
30/05/2022	REPAIR	O'Connell DFC: Finish fitting stabiliser arms on blade and adjust blade centre. Make list for remaining repairs, clean up area (@ 10301 Hours)	10301	\$240.00
27/05/2022	OTHER	HASTINGS: 4 x bolt, 4 x nut, 4 x washer		\$232.48
26/05/2022	REPAIR	O'Connell DFC: Finish drilling and tapping holes on grille. Finish removing blade for repair. Remove stabilisers and unseize on bench. Took time due to repairs required. Ordered all shimms and bolts required for repairs on blade and push arms. (@ 10301 Hours)	10301	\$760.00
26/05/2022	OTHER	ITR: 2 x trunnion blade, 8 x bolt m20, 8 x nut m20, 20 x shim		\$248.60
26/05/2022	OTHER	ITR: 12 x bolt M12, 8 x bolt M20, 1 x bolt m24		\$69.74
24/05/2022	REPAIR	O'Connell DFC: Refit radiator cores and overflow lines on top of cores. Finish fitting cores and radiator guards. Refit lift cylinder hoses that were removed to access radiator. Replace EQ bar grease hose. Fill will coolant and run up. All ok. Tighten up grouser plates and torque all bolts on RH side. Start on LH side bolts. Start drilling and tapping bolts in grill. Take machine off stands. Start removing blade for repair to push arm trunions. (@ 10301 Hours)	10301	\$1,640.00

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24/05/2022	OTHER	Wren Diesel: Fit grouser platers to the RHS track		\$160.00
23/05/2022	OTHER	Next Service - meter reading postponed from 9651		
20/05/2022	SERVICE	O'Connell DFC: Start on 500hr service of machine, change fuel, hydraulic and engine oil filters. Continue fitting grousers. Finish off service and set machine up for cleaning. (@ 10301 Hours)	10301	\$1,040.00
20/05/2022	OTHER	HASTINGS: 12 x clamp, 5 x hose, 6 x seal, 4 x bolt, 4 x washer, 4 x bolt, 4 x washer		\$558.31
19/05/2022	REPAIR	O'Connell DFC: Travel to pick up torque wrench. Return to yard. Finish drilling out broken bolts. Torque all track rollers, Fit idlers and torque caps. Torque carrier rollers. set tracks up to run on. Run tracks on machine and fit master plates. Start removing leaking radiator packs. (@ 10301 Hours)	10301	\$1,000.00
19/05/2022	OTHER	HASTINGS: 3 x strip, 4 x strip		\$1,052.31
19/05/2022	OTHER	ITR: 32 x bolt m20, 32 x washer, 1 x bolt,		\$156.16
18/05/2022	REPAIR	O'Connell DFC: Fit track rollers to track frame. (@ 10301 Hours)	10301	\$200.00
18/05/2022	OTHER	HASTINGS: 1 x strip		\$150.33
18/05/2022	OTHER	HASTINGS: 28 x bolt, 28 x washer		\$92.40
17/05/2022	REPAIR	O'Connell DFC: Start drilling broken bolts in track frame and start fitting track rollers (@ 10301 Hours)	10301	\$360.00
17/05/2022	OTHER	ITR: 64 x bolt, 64 x washer		\$351.36
16/05/2022	REPAIR	O'Connell DFC: Remove all grouser plates from tracks, set up machine on stands. Remove track chains, idlers, carrier rollers and sprocket segments. Clean up from job (@ 10301 Hours)	10301	\$1,000.00

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5/05/2022	OTHER	Next REGISTRATION RENEWALS - date postponed from 28-Apr-22		
13/04/2022	REPAIR	OCONNELL DFC- remove belly plates and carry out basic inspection before washing. (@ 10301 Hours)	10301	\$240.00
31/03/2022	REPAIR	HASTINGS - Hose A		\$61.83
24/03/2022	OTHER	HASTINGS: LGP1UP		\$316.43
23/03/2022	OTHER	HASTINGS - Element As, Filter, Filter A		\$158.08
23/02/2022	REPAIR	YH&HS: Replace 2 blade tilt hoses from track frame to tilt cylinder. Top up hyd oil. HOSE INSERT- CODE 61 SAE FLANGE-90 DEGREE HOSE-MULTISPIRAL- DIN EN 856 4SP O RING-DURO 90-SAE FLANGE- 3/4" HEX BOLT-METRIC-M12X100- ZP-G 8.8 HEX BOLT-METRIC-M12X25- ZP-G 8.8 FERRULE MULTI SKIVE 4SP R12 HT/2 HYD OIL: ISO 68 HOSE INSERT-ORFS FEMALE- STRAIGHT SPIRAL GUARD-25MM LABOUR/TRAVEL CONSUMABLES TRAVEL CHARGE PER KILOMETER TOLL ROAD CHARGES- HEATHWOOD TOLL ROAD CHARGES- LOGANLEA	\$542.10	\$565.57

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14/02/2022	REPAIR	Oconnell DFC - Travel to site to investigate A/C not working. Found A/C belt broken which had gone through main fan belts as well and caused damage to all. Sourced and fitted new belts nto machine. Blew out coolers. Check fault with A/C and found A/C compressor was seized causing belt to break. Disconneted A/C compressor wiring. requires replacement. Orderd new bolts for push arm trunion caps too due to lots of play, rerquires adjusting but bolts will need to be cut off. Travel to next site.	\$320.00
9/02/2022	OTHER	Hastings: 4 x bolt, 4 x nut	\$132.80
1/02/2022	OTHER	HASTINGS: LGP1UP	\$472.67
1/02/2022	OTHER	HASTINGS: Element Assemblyx 2	\$123.19

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30/11/2021 REPAIR HeavyQuip: Operator complaint of hydraulic oil leak 9861 \$944.50

- Inspected and found oil leak externally showing on RH chassis of machine near final drive mounting
- Removed cab floor and inspected
- Removed other access panels to gain access and couldn't identify leak
- Operated machine and all functions to identify leak however couldn't get fault to appear
- Operated for a further 20mins and eventually oil leak started showing on RH chassis
- Inspected inside cab further and found leak coming from behind implement and steering control valve
- Advised workshop manager that machine would need to be brought back to workshop and possibly remove cab if needed
- Installed cab floor and panels removed Travel to workshop
- Start inspection oil leak fault with also new complaint of machine not steering
- Topped up hydraulic oil level and tested operation. No change
- Removed cab floor and carried out testing
- Removed load check valves and make up valves at control valve
- Inspected each valve installed. All valves OK
- Confirmed steering linkage from control handle to valve OK and no excessive play
- Advised that oil leak needs to be identified before carrying out

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further testing due to possibly being the same issue
- Organised for workshop labourer to clean out excessive dirt and oil build up around control valve area
- Travel to workshop
- Tested steering system again and confirmed steering not responsive at all now
- Inspected oil leak and found hydraulic hose rubbing against control valve which happens to be steering pump load sensing hose
- Removed hose and workshop employee had hose made by Pirtek
- Cleaned out air filters and topped up engine oil level whilst waiting for hose to return
- Installed hose with new seals
- Tested operation and confirmed steering now working as it should and no leaks present
- Left cab floor and seat out due to machine needing pressure wash (@ 9861 Hours)

29/11/2021	REPAIR	JJW: Put belly guards back up and put seat and floor back in (@ 9861 Hours)	9861	\$150.00	
26/11/2021	REPAIR	JJW: Clean up to locate oil leak		\$100.00	
25/11/2021	OTHER	Pirteke: Hose assembly			\$184.05

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19/10/2021	REPAIR	HEAVYQUIP: Confirmed operator complaint of broken bolts - Bolts broken on back of blade at trunnion cap - Ordered necessary parts from Hasting Deering and collected - Dig out excess dirt/mud build up - Connected push arm back onto blade with new hardware and shims - Tested operation. All OK - Checked cutting edge nuts. All OK - Trunnion hardware and shims (@ 9758 Hours)	9758	\$470.00	\$201.78
13/09/2021	REPAIR	HEAVY QUIP: - Carry out off hire inspection - Topped up fluid levels - Tensioned tracks - Greased machine. Replace one grease nipple - Operated up to operating temperature to check for leaks. All OK - Confirmed all emergency stops working OK - Install missing hardware - Move machine out of wash bay and replace front blade cutting edges (@ 9677 Hours)	9677	\$620.00	
16/07/2021	OTHER	KOMMAND: Converted data for use with GradeMetrix. Loaded data. Tested system on control point. Adjusted height by 20mm. System working OK		\$1,440.00	
14/07/2021	OTHER	HASTINGS: Seal o-ring, water pump			\$876.49
14/07/2021	OTHER	HASTINGS: GPK1UP, Element as, filter as, coolant eng			\$417.48
1/07/2021	REPAIR	MCPHEE: Replace strikers and install door seals. Tighten all door trim screws as they were all loose		\$450.00	\$101.00

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

14/06/2021	REPAIR	HEAVY QUIP: Inspect complaint of oil leak coming from RH final drive - Carried out inspection and operated machine - Found leak coming from both transmission oil filter hoses - Advised of findings and ordered replacement through Hastings Deering - Removed hoses and traveled to Hastings Deering and collected replacement hoses - Traveled back to site and started on installing D6R Series 3 - LGP00537 - Finish off installing transmission oil filter hoses - Installed cab floor and panels removed to aid in repair - Tested operation and confirmed no leaks present - Checked machine fluids before allowing machine back to work and observed coolant level very low - Topped up coolant and operated - Found leak coming from back of water pump - Advised company contact of findings	\$1,314.00
14/06/2021	OTHER	HASTINGS: Hose As	\$344.87
14/06/2021	OTHER	HASTINGS: 2 x hoses	\$344.87

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

5/06/2021	SERVICE	HEAVY QUIP: 500hr Service (as per attached Service Report) Service carried out in accordance with OEM schedule, engine oil and filter changed, fuel filters changed, hydraulic return filters changed, outer engine air filter changed, cab filters changed Collect service kit from Hastings Deering - Carry out 500hr service as requested - In-correct primary fuel filter installed on machine - Advised site contact that water separator bowl would be needed to replace filter - Traveled to Hastings Deering and collected - Continue carrying on and complete service - Install missing bolts in hydraulic oil cooler bracket located in top RH corner of engine bay - Re-seal transmission oil filter housing plug - Remove and reseal engine oil filter housing plugs (@ 9401 Hours)	9401	\$1,096.00
4/06/2021	OTHER	HASTINGS: 500hr Service Kit: Element as, filters		\$464.38

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

12/06/2020 REPAIR

CPR: Travel to site, check oil level. Found diluted with fuel, remove air cleaner and housing, remove cover. Found EXH 1 push rod jammed and bridge of valves. Intake 1 push rod bent. Remove damaged components and assemble engine to move away from work area. Remove rocker cover, remove cylinder, pressure test cylinder - no leaks detected. Inspect lifter clips and lifters for damage - all ok. Measure cam lobe lift with dial indicator found both intake and exhaust ok on #1 cylinder. Unable to locate cause of failure, order parts and pick up. Install new Reman injector. Install new push rods. Remove belly plate. Adjust inlet valves, adjust exhaust valves, drain and refill engine oil, remove and replace engine oil filter, prime fuel, assemble engine

\$1,950.00 \$1,630.00

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

7/12/2018	SERVICE	Check Final Drive	7557
		Oil	
		Check and Clean	
		Battery	
		Terminals	
		Check Fan	
		Belts	
		Check Track	
		Tension	
		Check Tracks,	
		Pins,	
		Rollers	
		Check	
		GET	
		Check	
		Recoil	
		Level	
		Check Equaliser	
		Bar	
		Movement	
		Check All Guard	
		Covers	
		Test Emergency	
		Stop	
		Grease all	
		Points	
		Check	
		Windscreen Washer	
		Bottle	
		Check Work/Drive	
		Lights	
		Check Flashing	
		Light	
		Replaced Fan	
		Belts	
		Repaired Cracked	
		Fan Belts (@ 7557 Hours)	

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

7/12/2018 SERVICE 1000 Hour Service 7557
Replaced
Engine Oil
Filter
Sample Engine
Oil
Added 30L Engine
Oil
Sample Hydraulic
Oil
Check Hydraulic Oil
Level
Check Transmission
Oil
Replaced Transmission
Oil
Filter
Added 150L of Transmission
Oil
Replaced Inner Air
Element
Replaced Outer Air
Element
Replaced Air Con
Filters
Checked Coolant (@
7557 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/08/2018	SERVICE	Check Final Drive	7254
		Oil	
		Check/Clean Battery	
		Terminals	
		Check Fan	
		Belts	
		Check Track	
		Tension	
		Check Track,	
		Pins,	
		Rollers	
		Check	
		GET	
		Check	
		Recoil	
		Level	
		Check Equaliser	
		Bar	
		Movement	
		Check All Guard	
		Covers	
		Test Emergency	
		Stop	
		Grease All	
		Points	
		Check	
		Windscreen Washer	
		Bottle	
		Check Work/Drive	
		Lights	
		Check Flashing Light	
		(@ 7254 Hours)	

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/08/2018 SERVICE 250 Hour Service 7254

Change

Engine Oil Filter

Oil Sample Engine

Engine Oil Added 28L of

Oil Check Hydraulic

Filter Replaced Fuel

Transmission Oil Check

Element Replaced Outer Air

Filters Replaced Air Con

7254 Hours) Checked Coolant (@

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

8/05/2018 SERVICE Check Final Drive 6882
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser
Bar
Movement
 Check All
Guards/Covers
 Test
Emergency
Stop
 Grease All
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flashing Lights
(@ 6882 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

8/05/2018 SERVICE 500 Hour Service 6882

Replace

Engine Oil Filter

Sample Engine Oil

Added 30L of Engine Oil

Replaced Hydraulic Filter

Replaced Hydraulic Return Filter

Check Hydraulic Oil Level

Check Transmission Oil

Replaced Inner Air Element

Replaced Outer Air Element

Replaced Air Con Filters

Check Coolant (@ 6882 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

23/02/2018 SERVICE Check Final Drive 6616
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser Bar
Movement
 Check All
Guards/Covers
 Test
Emergency
Stop
 Grease All
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flasing Lights
(@ 6616 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

23/02/2018 SERVICE 250 Hour Service 6616

Replace

Engine Oil Filter

Sample Engine Oil

Added 28L of Engine Oil

Check Hydraulic Oil Level

Check Transmission Oil

Replaced Fuel Filter

Replaced Outer Air Element

Replaced Air Con Filters

Check Coolant (@ 6616 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

27/12/2017 SERVICE Check Final Drive 6339
Oil
 Sample Final Drive
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser Bar
Movement
 Check all
Guards/Covers
 Test
Emergency
Stop
 Grease All
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flashing Light
(@ 6339 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

27/12/2017 SERVICE 2000 Hour Service 6339

Replace

Engine Oil Filter

Sample Engine Oil

Added 28L of Engine Oil

Replace Hydraulic Oil Filter

Replace Hydraylic Return Filter

Sample Hydraulic Oil

Check Tranmission Oil

Replace Transmission Oil Filter

Added 148L Hydraulic Oil

Replace Inner Air Element

Replace Outer Air Element

Replace Air Con Filters

Check Coolant (@ 6339 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/09/2017 SERVICE Check Final Drive 6009
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser
Bar
Movement
 Check all
Guards/Covers
 Test Emergency
Stop
 Grease all
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flashing Lights
(@ 6009 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/09/2017 SERVICE 250 Hour Service 6009

Repace

Engine Oil Filter

Sample Engine

Oil

Added 28L Engine

Oil

Check Hydraulic Oil

Level

Check Transmission

Oil

Replace Outer Air

Element

Replace Air Con

Filters

Check Coolant (@ 6009 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

30/06/2017	SERVICE	Check Final Drive	5702
		Oil	
		Check/Clean	
		Batteries/Terminals	
		Check Fan	
		Belts	
		Check Track	
		Tension	
		Check Tracks,	
		Pins,	
		Rollers	
		Check	
		GET	
		Check	
		Recoil	
		Level	
		Check Equaliser	
		Bar	
		Movement	
		Check All	
		Guards/Covers	
		Test	
		Emergency	
		Stop	
		Grease All	
		Points	
		Check	
		Windscreen Washer	
		Bottle	
		Check Work/Drive	
		Lights	
		Check Flashing Light (@	
		5702 Hours)	

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

30/06/2017 SERVICE 500 Hour Service 5702

- Oil Filter Replace Engine
- Oil Filter Sample Engine
- Oil Added 28L Engine
- Oil Replaced Hydraulic
- Return Filter Sample Hydraulic
- Oil Check Hydraulic Oil
- Level Check Transmission
- Oil Replace Inner Air
- Element Replace Outer Air
- Element Replace Air Con
- Filters Check Coolant (@ 5702 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

13/04/2017 SERVICE Check Final Drive 5375
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks, Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser
Bar
Movement
 Check All
Guards/Covers
 Test Emergency
Stop
 Grease all
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flashing Light (@
5375 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

13/04/2017 SERVICE 250 Hour Service 5375

Oil Filter Replace Engine

Oil Sample Engine

Oil Added 28L Engine

Oil Check Hydraulic Oil

Level Check Transmission

Oil Replace Transmission

Oil Filter Added 150L Transmission

Oil Replaced Inner Air Element

Element Replaced Outer Air

Element Replaced Air Con

Filters Check Coolant (@ 5375 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/01/2017 SERVICE Check Final Drive 5014
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers Check
GET Check
Recoil
Level Check Equaliser
Bar
Movement Checks all
Guards/Covers Test Emergency
Stop
 Grease All
Points Check
Windscreen Washer
Bottle
 Check Work/Drive
Lights Check Flashing Light (@
5014 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

20/01/2017 SERVICE 1000 Hour Service 5014

- Oil Filter Replace Engine
- Filter Sample Engine Oil
- Oil Added 28L Engine
- Filter Replaced Hydraulic Oil
- Level Check Hydraulic Oil
- Oil Check Transmission
- Element Replace Outer Air
- Filters Replace Air Con
- 5014 Hours) Check Coolant (@

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

28/10/2016	SERVICE	Check Final Drive	4611
		Oil	
		Check/Clean	
		Batteries/Terminals	
		Check Fan	
		Belts	
		Check Track	
		Tension	
		Check Tracks, Pins,	
		Rollers	
		Check	
		GET	
		Check	
		Recoil	
		Level	
		Check Equalisre Bar	
		Movement	
		Test Emergency	
		Stop	
		Check Windscreen	
		Washer	
		Bottle	
		Check Work/Drive	
		Lights	
		Check Flashing Light	

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

28/10/2016 SERVICE 250 Hour 4611
Service
Replace Engine
Oil
Filter
Sample Engine
Oil
Added 28L Engine
Oil
Check Hydraulic Oil
Level
Replace Fuel
Filter
Rcheck
Transmission
Oil
Replace Outer Air
Element
Repalce Air Con
Filters
Check Coolant (@
4611 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

30/08/2016 SERVICE Check Final Drive 4311
Oil
 Sample Final Drive
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Belts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check
Recoil
Level
 Check Equaliser Bar
Movement
 Check All
Guards/Covers
 Test Emergency
Stop
 Grease all
Points
 Check
Windscreen Washer
Bottle
 Check Work/Drive
Light
 Check Flashing Light (@
4311 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

30/08/2016 SERVICE 500 Hour Service 4311

Replace

Engine Oil Filter

Oil Sample Engine

Oil Added 30L Engine

Filter Replaced Hydraulic Oil

Level Check Hydraulic Oil

Oil Check Transmission

Element Replaced Inner Air

Element Replaced Outer Air

Filters Replaced Air Con

4311 Hours) Check Coolant (@

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

10/06/2016 SERVICE Check Final Drive 3944
Oil
 Check/Clean
Batteries/Terminals
 Check Fan
Bellts
 Check Track
Tension
 Check Tracks,
Pins,
Rollers
 Check
GET
 Check Recoil
Level
 Check Equaliser
Bar
Movement
 Check All
Guards/Covers
 Test
Emergency
Stop
 Grease all
Points
 Check
Windsreen Washer
Bottle
 Check Work/Drive
Lights
 Check Flashng
Light
 Repaired Alternator
Belt Cover (@ 3944 Hours)

Stock No: APH00538

Caterpillar D6R Dozer

Serial No: LGP00537

Reg No: 00976E

10/06/2016 SERVICE

250 Hour
Service

3944

- Replace
- Engine Oil
- Filter
- Oil Sample Engine
- Oil Added 30L Engine
- Level Check Hydraulic Oil
- Filter Replace Fuel
- Transmission Check
- Oil
- Element Replace Air Outer
- Filters Replace Air Con
- 3944 Hours) Check Coolant (@

\$38,509.83 \$36,660.81