

Date	Work Description	Plant No	Work Type
25/10/24	Load up tilt tray with diot parts & unload at yard	TD58	MF - Maintenance Fitter
25/10/24	Load up tilt tray with diot blade unload at yard	TD58	MF - Maintenance Fitter
25/10/24	unload dozer parts	TD58	MF - Maintenance Fitter
25/10/24	Pick dozer parts up & load with Dennis	TD58	MF - Maintenance Fitter
25/10/24	Pick black up, load and unload	TD58	MF - Maintenance Fitter
28/10/24	Blade repairs	TD58	MF - Maintenance Fitter
28/10/24	Blade repairs, remove bearings out of blade, yokes	TD58	MF - Maintenance Fitter
28/10/24	grind lifting lugs off bull dozer blade	TD58	MF - Maintenance Fitter
28/10/24	grind lugs	TD58	MF - Maintenance Fitter
28/10/24	grind and fix plate heat & straighten	TD58	MF - Maintenance Fitter
29/10/24	Weld/Grind Parts, Plate for F/L, Fix Bent Bracket	TD58	MF - Maintenance Fitter
29/10/24	Load TD58 & Prep Job	TD58	MF - Maintenance Fitter
29/10/24	Unload, inspect bars/shaft for imp, remove guard	TD58	MF - Maintenance Fitter
29/10/24	Clean Bearin Plates Up	TD58	MF - Maintenance Fitter
30/10/24	Complete engine valve lash adjustment, fit seals	TD58	MF - Maintenance Fitter
30/10/24	Minor repairs remove nose cone harness	TD58	MF - Maintenance Fitter
31/10/24	install nose cone harness, drain coolant eng oil	TD58	MF - Maintenance Fitter
31/10/24	replace heater hose, taps and coolant lines	TD58	MF - Maintenance Fitter
31/10/24	Remove hyd line, fan and drain oil with jayke	TD58	MF - Maintenance Fitter
01/11/24	Weld & make bracket for flashlight	TD58	MF - Maintenance Fitter
01/11/24	Drain oils & change hoses	TD58	MF - Maintenance Fitter
06/11/24	Blade repairs	TD58	MF - Maintenance Fitter
06/11/24	Blade repairs	TD58	MF - Maintenance Fitter
06/11/24	Load trailer, prep for site	TD58	MF - Maintenance Fitter
06/11/24	Wrap nose cone harness and refit wrap and change o	TD58	MF - Maintenance Fitter
06/11/24	heater hose, remove fan drive hoses	TD58	MF - Maintenance Fitter
06/11/24	Help press bearings in blade	TD58	MF - Maintenance Fitter
07/11/24	TD58 Blade repairs & Load up tilt tray	TD58	MF - Maintenance Fitter
07/11/24	Repair cutting edges bolts, cut all with oxy, load	TD58	MF - Maintenance Fitter
07/11/24	Complete fan hose change out- resealtrans cooler h	TD58	MF - Maintenance Fitter
07/11/24	Replace riper cylinder hoses, ignition barrel	TD58	MF - Maintenance Fitter
07/11/24	Blade repairs	TD58	MF - Maintenance Fitter
08/11/24	Assemble Blade	TD58	MF - Maintenance Fitter
08/11/24	Assemble blade & fit ROPS	TD58	MF - Maintenance Fitter
08/11/24	Replace Seal seal, drain hoses, replace bottom coo	TD58	MF - Maintenance Fitter
08/11/24	Re-seal RHS sump plate, turbo feed coolant	TD58	MF - Maintenance Fitter
08/11/24	Assemble blade	TD58	MF - Maintenance Fitter
08/11/24	Assemble Blade	TD58	MF - Maintenance Fitter
11/11/24	Carry out Repairs on TD58	TD58	MF - Maintenance Fitter
11/11/24	Assist with power train hose change out	TD58	MF - Maintenance Fitter
11/11/24	Re-Hosing Dozer	TD58	MF - Maintenance Fitter
11/11/24	Re-Hosing Dozer	TD58	MF - Maintenance Fitter
12/11/24	Change all filters, Fill all oils	TD58	MF - Maintenance Fitter
12/11/24	Run up & fit blade trunion and lift cylinders	TD58	MF - Maintenance Fitter
12/11/24	Assemble Dozer	TD58	MF - Maintenance Fitter
12/11/24	Assemble Dozer	TD58	MF - Maintenance Fitter
13/11/24	Repair front nose cone, door pivot pin. Fit grill	TD58	MF - Maintenance Fitter
13/11/24	Torque rops mount bolts and blade install bolts	TD58	MF - Maintenance Fitter
13/11/24	Assemble machine	TD58	MF - Maintenance Fitter
13/11/24	Assemble machine	TD58	MF - Maintenance Fitter
14/11/24	replace LH cabin door window, wiper motor & washer	TD58	MF - Maintenance Fitter
14/11/24	install belly plate, wire UHF camera rops harness	TD58	MF - Maintenance Fitter
14/11/24	Assemble dozer	TD58	MF - Maintenance Fitter
14/11/24	Assemble dozer	TD58	MF - Maintenance Fitter
14/11/24	Repairs to track dozer	TD58	MF - Maintenance Fitter
14/11/24	Repairs to track dozer	TD58	MF - Maintenance Fitter
15/11/24	fit guards, uhf, reverse camera, new inside panels	TD58	MF - Maintenance Fitter
15/11/24	Run up machine, oil levels, repair lights, clean a	TD58	MF - Maintenance Fitter
15/11/24	Assemble Dozer	TD58	MF - Maintenance Fitter
15/11/24	Assemble Dozer	TD58	MF - Maintenance Fitter
18/11/24	Check over, top up fluids, clean cabin, troublesho	TD58	MF - Maintenance Fitter
18/11/24	Check over dozer, top up oils	TD58	MF - Maintenance Fitter
19/11/24	Re-torque segment sproket mount bolts	TD58	MF - Maintenance Fitter
19/11/24	re-torque segment bolts in pit	TD58	MF - Maintenance Fitter
21/11/24	train to workpad and retorqe sproket bolts	TD58	MF - Maintenance Fitter
21/11/24	hi torque segments bolts	TD58	MF - Maintenance Fitter
22/11/24	Hi torque segment bolts & check over	TD58	MF - Maintenance Fitter
22/11/24	hi torque up segment bolts	TD58	MF - Maintenance Fitter
09/01/25	adjust track tension & check over	TD58	MF - Maintenance Fitter
13/01/25	Troubleshoot engine oil leak, missing sump bolts.	TD58	MF - Maintenance Fitter
14/01/25	remove belly plates & sump	TD58	MF - Maintenance Fitter
14/01/25	Clean all parts	TD58	MF - Maintenance Fitter
14/01/25	Reassemble sump. Run up	TD58	MF - Maintenance Fitter
14/01/25	Assist Jayke with repairs	TD58	MF - Maintenance Fitter
14/01/25	Carry out repairs to track dozer with Jayke	TD58	MF - Maintenance Fitter
15/01/25	Disassemble, remove main seal and re-install	TD58	MF - Maintenance Fitter

15/01/25	Test operation, top up oils, clean air filters	TD58	MF - Maintenance Fitter
15/01/25	Assist Jayke with repairs	TD58	MF - Maintenance Fitter
22/01/25	Carry out Service on Track Dozer	TD58	MF - Maintenance Fitter
22/01/25	Finish minor repairs on track dozer	TD58	MF - Maintenance Fitter
22/01/25	change out fan drive, run up	TD58	MF - Maintenance Fitter
24/01/25	Troubleshoot low fuel pressure and organise parts	TD58	MF - Maintenance Fitter
28/01/25	change out fuel transfer pump & test operation	TD58	MF - Maintenance Fitter
28/01/25	pressure test fuel system & repair leaks	TD58	MF - Maintenance Fitter
29/01/25	pressure test fuel system, re-seal fittings clean	TD58	MF - Maintenance Fitter
03/02/25	Troubleshoot fuel fault, blockage in tank	TD58	MF - Maintenance Fitter
06/02/25	Re-seal LH Cannon	TD58	MF - Maintenance Fitter
06/02/25	Reseal LH Cannon	TD58	MF - Maintenance Fitter
06/02/25	LHS Cannon	TD58	MF - Maintenance Fitter
06/02/25	Fitted Cannon	TD58	MF - Maintenance Fitter
07/02/25	assemble LH tank. Torque master bolts, fill oils	TD58	MF - Maintenance Fitter
07/02/25	Finish off assembling cannon	TD58	MF - Maintenance Fitter
07/02/25	Fix windscreen wiper hoses & nozzles	TD58	MF - Maintenance Fitter
13/02/25	Split LH tracks, set up for C/O, order new alterna	TD58	MF - Maintenance Fitter
14/02/25	change out segments, prep track for install	TD58	MF - Maintenance Fitter
17/02/25	Tracks change out (sprockets, idlers)	TD58	MF - Maintenance Fitter
17/02/25	Tracks change out (sprockets, idlers)	TD58	MF - Maintenance Fitter
17/02/25	Change out segments LHS & rear idler	TD58	MF - Maintenance Fitter
17/02/25	Change out LH track, torque master bolts, tension	TD58	MF - Maintenance Fitter
18/02/25	Track change out, alternator C/O	TD58	MF - Maintenance Fitter
18/02/25	Tracks change out, load up old tracks and put on t	TD58	MF - Maintenance Fitter
18/02/25	Change out RH track. Segments and idler	TD58	MF - Maintenance Fitter
18/02/25	Tension tracks, change out alternator and belt	TD58	MF - Maintenance Fitter
24/02/25	Change out window washer jets	TD58	MF - Maintenance Fitter
13/03/25	inspect type of ripper boot fitted & organise repl	TD58	MF - Maintenance Fitter
19/03/25	Adjust track tension	TD58	MF - Maintenance Fitter
25/03/25	Fit Cabin filter dust valve & check over undercarr	TD58	MF - Maintenance Fitter
02/04/25	Inspect undercarriage	TD58	MF - Maintenance Fitter
03/04/25	2000hr service	TD58	MF - Maintenance Fitter
03/04/25	2000hr service	TD58	MF - Maintenance Fitter
04/04/25	2000 Hour Service	TD58	MF - Maintenance Fitter
04/04/25	2000 Hour service & change out ripper boot	TD58	MF - Maintenance Fitter
04/04/25	2000 hour service	TD58	MF - Maintenance Fitter
04/04/25	Repairs	TD58	MF - Maintenance Fitter
23/04/25	check/adjust track tension	TD58	MF - Maintenance Fitter
24/04/25	reseal leaking transmission hose mount & top up oi	TD58	MF - Maintenance Fitter
08/05/25	Adjusted tracks	TD58	MF - Maintenance Fitter
20/05/25	Begin 250 hour service	TD58	MF - Maintenance Fitter
22/05/25	250 hour service	TD58	MF - Maintenance Fitter
27/05/25	Complete 250 pm checks	TD58	MF - Maintenance Fitter
29/05/25	Set up engine idle shut down timer	TD58	MF - Maintenance Fitter
02/06/25	Change out failed work light, adjust engine idle s	TD58	MF - Maintenance Fitter
13/06/25	Change out ripper cilnder hoses & check over	TD58	MF - Maintenance Fitter
19/06/25	Change trans filter & check screens, fill trucks o	TD58	MF - Maintenance Fitter
20/06/25	change out LHS eq bar pads, re-seal trans lub fitt	TD58	MF - Maintenance Fitter
20/06/25	Troubleshoot cause of coolant leak and pressure te	TD58	MF - Maintenance Fitter
20/06/25	weld - repair hand rail	TD58	MF - Maintenance Fitter
12/08/25	Remove & disassemble blade	TD58	MF - Maintenance Fitter
12/08/25	Remove blade	TD58	MF - Maintenance Fitter
13/08/25	disassemble blade, remove rops	TD58	MF - Maintenance Fitter
13/08/25	remove blade	TD58	MF - Maintenance Fitter
14/08/25	Remove remaining parts for transport	TD58	MF - Maintenance Fitter
14/08/25	remove stacks	TD58	MF - Maintenance Fitter
14/08/25	wash blade	TD58	MF - Maintenance Fitter
15/08/25	Remove trinnions, place items on pallets	TD58	MF - Maintenance Fitter
15/08/25	wash & detail	TD58	MF - Maintenance Fitter
18/08/25	Drive fork lift, help load D10	TD58	MF - Maintenance Fitter
18/08/25	load D10 and blade	TD58	MF - Maintenance Fitter
02/09/25	fit towball	TD58	MF - Maintenance Fitter
	TD58 remove lift cylinder etc		
	TD58 lift cylinder removal		
	TD58 Fit RH Lift Cylinder, push arms, blade etc.		
	TD58 Install lift cylinder, blade etc.		
	TD58 install blade, e-stop, start service		
	TD58 service and defects, lock out 3rd gear		
	TD58 service and defects		
	TD58 Defects		
	TD58 Faults		
	TD58 C/O Pressure Sensor		
	TD58 Electrical Fault		
	TD58 low power fault		
	TD58 Implement Callibrations		
	TD58 Air filter restriction fault		
	TD58 Diagnose Filter Restriction Fault		

	TD58 Faults		
	TD58 Atmospheric pressure sensor repair		
	TD58 Investgate blade lift fault		
	TD58 Black lift fault		
	TD58 Fuel pressure fault, replace fuel filters		
	TD58 Defects		
	TD58 blade tilt fault		
	TD58 blade raise fault, c/o resolvers in con valve		
	TD58 check and adjust pump pressures		
	TD58 Blade lift fault		
	TD58 Remove RH Blade Lift Cylinder		
	TD58 Fit blade lift cylinder, top up oil		
	TD58 Fit lift cylinder		
	TD58 diagnose overheating fault		
	TD58 Remove belly guards, clen wash out radiator		
	TD58 fuel pressure low fault, c/o filters and test		
	TD58 Hydraulic Oil Top Up		
	TD58 inspect fuel fault		
	TD58 Service & Remove contaminents		
	TD58 250hr Service & Defects		
	TD58 Inspect blade lift fault		
	TD58 Blade Lift Fault		
	TD58 remove hand rail and straighten		
	TD58 C/O water pump and cooler		
	TD58 Water Pump/Engine oil C/O		
	TD58 Fit new resolver to hyd control valve		
	TD58 Cooler/Water Pump C/O		
	TD58 fit coolant line, flush cooling system		
	TD58 Fit coolant line, flush system		
	TD58 Wash out cooler packs		
	TD58 Fit belly guards & drain radiator		
	TD58 Drop water from radiator, refill		
	TD58 Door won't close		
	TD58 100hr Service, drain cooling system		
	TD58 1000hr Service		

### Accident Prevention

Read and understand safety warning in the operation and maintenance manual  
Have you completed a take 2?  
Have your job circumstances change since completing your take 2?

#### TD58 D10T2 Dozer 250 Hour Service Sheet

<b>Date:</b>	22.1.25	<b>Name:</b>	Jayne / Luke		
<b>Plant ID:</b>	T058	<b>Service Type:</b>	250 Hour	<b>Machine Hours:</b>	19652HRS
<input checked="" type="checkbox"/>	Machine has been cleaned prior to commencement of service				
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground				
<input checked="" type="checkbox"/>	All implements have been lowered				
<input checked="" type="checkbox"/>	Machine has been isolated and locked out				

Compartment	Oil Type	Oil Type
Engine	15W-40	
Transmission	30W	
Hydraulics	10W	
Radiator	Cat Extended Life Coolant	
Final Drive P1	60W	
Final Drive P2	60W	
Equaliser	85W-140	
Recoil - model D10T	50W	

Compartment	Oil Type	Amount (Litres)
Engine	15W-40	68 L
	<b>Filter List</b>	<b>Qty</b>
Engine Oil Filter	2	1R-1808
Fuel Filter	2	1R-0755
Fuel Water Separator Filter	1	438-5385
Primary Engine Air Filter	2	6I-2505
Cabin Air Filter	1	231-0167
Cabin Air Filter	1	346-8243
SOS Sample	2	SOS003

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250 HR LUBE SERVICE		INITIAL
<b>SAMPLE:</b>	Engine	JS
	Transmission	JS
<b>CHANGE:</b>	Engine oil	JS
	Engine oil filters	LS
	Fuel filters	LS
	Primary engine air filters	LS
	Cab air conditioner / heater filters	LS
<b>CLEAN:</b>	Batteries and terminals	JS
	Cab fresh air filter	LS
	Engine air filter primary element	LS
	Engine air pre cleaner	JS
	Engine breathers	JS
	Fuel cap, filter & strainer	JS
	Condenser	JS
<b>CHECK:</b>	Engine oil level	JS
	Hydraulic system oil level	JS
	Transmission oil levels	JS
	Final drive oil level	JS
	Pivot shaft oil level	JS
	Recoil spring compartment oil	JS
	Equaliser bar end pin oil level	JS
	Equaliser bar end pin seals	JS
	Equaliser bar pads	JS
	Coolant level	JS
	Engine air filter secondary element	JS
	Drain fuel system water separator	JS
	Drain fuel tank water & sediment	JS
	Radiator	JS
	Battery cable	JS
	Battery electrolyte level	JS
	Fuses	JS

+ Hydraulic oil Sample JS.

Replaced.

Pls low on level.

Top up this due to leak.

Filled with grease

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	Undercarriage				JS.
<b>GREASE:</b>					
	Fan bearings				JS.
	Belt tensioner bearings				JS.
	Universal joints				JS.
	Fill auto grease system				WA.

**250HR MECHANICAL SERVICE**

**KEY:**

- 1. Defect found and repaired
- 2. Defect found and recorded, machine still OK
- 3. OK
- 4. Not applicable

CHECK:	1	2	3	4
Condition and tension of fan, alternator & AC belts				/
Universal joints for wear				/
Air conditioner – condition and operation				/
Operation of hydraulic controls				/
Steering operation				/
Service brake operation				/
Park brake operation				/
Frame and attachments for cracks				/
Fuel system for loose bolts and fittings				/
Fuel line supply support clamps				/
Hydraulic system for damaged lines and loose fittings				/
All hoses for general condition and chaffing				/
Cooling system hoses for condition and clamps for tightness				/
Induction system for leaks and clamps for tightness				/
Engine mounts				/
Exhaust system for leaks, clamps and bolts for tightness				/
Radiator for debris (wash if necessary)				/
All points are receiving grease				/
Operation of park brake interlock				/
Fan hub and jockey pullet bearings for excessive movement				/
Seat belt – retainers and operation				/
Horns – air/electric				/

*Fan hub replaced*

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 Rev. No: 3      Date Implemented: 31/08/2020



CHECK:	1	2	3	4
Wipers			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Mirrors			<input checked="" type="checkbox"/>	
Seats – suspension adjustment/condition			<input checked="" type="checkbox"/>	
Doors			<input checked="" type="checkbox"/>	
Windows			<input checked="" type="checkbox"/>	
Gauges			<input checked="" type="checkbox"/>	
Grab rails			<input checked="" type="checkbox"/>	
Fire extinguishers – invert and shake to loosen powder			<input checked="" type="checkbox"/>	
Fire suppression bottle charge			<input checked="" type="checkbox"/>	
Lights			<input checked="" type="checkbox"/>	
Reverse alarm			<input checked="" type="checkbox"/>	
Cab condition			<input checked="" type="checkbox"/>	
Audible alarm and warning lights			<input checked="" type="checkbox"/>	
Operation of emergency stop			<input checked="" type="checkbox"/>	
Engine shut down system			<input checked="" type="checkbox"/>	
Steps			<input checked="" type="checkbox"/>	
Nose cone pin & bush movement			<input checked="" type="checkbox"/>	
Equaliser bar pin movement			<input checked="" type="checkbox"/>	
Accumulation of fuel, oil, grease etc. that may cause fire hazard			<input checked="" type="checkbox"/>	
Fuel leaks			<input checked="" type="checkbox"/>	

**CHECK:**

**KEY:**

1. Defect found and repaired
2. Defect found and recorded, machine still OK
3. OK
4. Not applicable

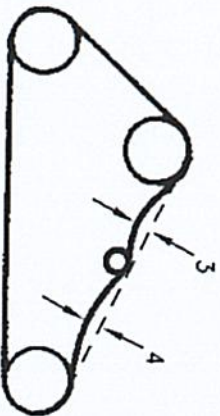
GET CONDITION	Initial Appropriate Column			
	1	2	3	4
Ripper Shank Protectors			<input checked="" type="checkbox"/>	
Ripper Tips			<input checked="" type="checkbox"/>	
Blade Cutting Edges			<input checked="" type="checkbox"/>	
Blade Corner tips LH			<input checked="" type="checkbox"/>	
Blade Corner Tips RH			<input checked="" type="checkbox"/>	

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CHECK/ADJUST

	Initial Appropriate Column			
	1	2	3	4



*Adjusted to meet spec.*

Illustration 3  
Track adjustment with carrier rollers

g00511962

If the machine is equipped with a carrier roller, the correct adjustment of dimension (3) and dimension (4) is 75 ± 10 mm (3 ± 0.40 inch).

Note: If tracks require adjustment refer to work shop Manual for safety Instructions  
LHS Adjustment \_\_\_\_\_ mm    RHS Adjustment \_\_\_\_\_ mm

Track Adjustment		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Condition of Track Rollers				<input checked="" type="checkbox"/>	
Track Pins & Bushes				<input checked="" type="checkbox"/>	
Track Roller Bolts – loose or missing				<input checked="" type="checkbox"/>	
Track Frame condition Cannon chrome				<input checked="" type="checkbox"/>	
Canon - leaks			<input checked="" type="checkbox"/>		
Grouser bolts - tight visual check				<input checked="" type="checkbox"/>	
Sprocket segment bolts				<input checked="" type="checkbox"/>	
Carrier Roller & Bolts				<input checked="" type="checkbox"/>	
Idler bolts – missing or loose				<input checked="" type="checkbox"/>	
Idler Condition LHF				<input checked="" type="checkbox"/>	
Idler Condition LHR				<input checked="" type="checkbox"/>	
Idler Condition RHF				<input checked="" type="checkbox"/>	
Idler Condition RHR				<input checked="" type="checkbox"/>	
Front Idler Position				<input checked="" type="checkbox"/>	

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**Accident Prevention**

Read and understand safety warning in the operation and maintenance manual

Have you completed a take 2?

Have your job circumstances change since completing your take 2?

**D10 Dozer 1000 Hour Service Sheet**

<b>Date:</b>	4-4-25	<b>Name:</b>	Jayne Luke		
<b>Plant ID:</b>	TD58	<b>Service Type:</b>	1000 Hour	<b>Machine Hours:</b>	20004HRS
<input checked="" type="checkbox"/>	Machine has been cleaned prior to commencement of service				
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground				
<input type="checkbox"/>	All implements have been lowered				
<input checked="" type="checkbox"/>	Machine has been isolated and locked out				

Compartment	Oil Type
Engine	15W-40
Transmission	30W
Hydraulics	10W
Radiator	Cat Extended Life Coolant
Final Drive P1	60W
Final Drive P2	60W
Equaliser	85W-140
Recoil - model D10N	30W
Recoil - model D10T	50W

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1000 HR LUBE SERVICE		INITIAL
<b>SAMPLE:</b>	Engine	JS
	Transmission	JS
	Hydraulic	JS
	Final drive LH	JS
	Final drive RH	JS
	Coolant	LS
<b>CHANGE:</b>		
	Final drive oil LH	/
	Final drive oil RH	/
	Engine oil	/
	Transmission oil	/
	Engine oil filters	/
	Fuel secondary filter	/
	Hydraulic filter	/
	Transmission filter	/
	Engine air filter primary element	/
	Engine air filter secondary element	/
	Cab air conditioner / heater filters	/
<b>CLEAN:</b>		
	Batteries and terminals	/
	Cab fresh air filter - internal	Replaced /
	Cab fresh air filter - external	Replaced /
	Engine air pre cleaner	/
	Engine breathers	/
	Transmission & torque converter breather	/
	Transmission magnetic screen	/
	Fuel cap, filter & strainer	/
	Condenser	/
	Remove & clean belly guard	/

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CHECK:		
	Engine oil level	/
	Hydraulic system oil level	/
	Transmission oil levels	/
	Transmission planetary retaining ring	NA
	Final drive oil level	/
	Pivot shaft oil level	/
	Recoil spring compartment oil	/
	Equaliser bar end pin oil level	/
	Equaliser bar end pin seals	/
	Equaliser bar pads	/
	Coolant level	/
	Drain fuel system water separator	/
	Drain fuel tank water & sediment	/
	Radiator	/
	Battery cable	/
	Battery electrolyte level	/
	Fuses	/
	Undercarriage	/
	Fan blades	/
	ROP's	/
GREASE:		
	Fan bearings	NA
	Belt tensioner bearings	NA
	Equaliser bar centre pin	/
	Angle blade manual tilt brace	/
	Lift cylinder yoke bearings	/
	Universal joints	/
	Fill auto grease system	NA

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**1000HR MECHANICAL SERVICE**

**KEY:**

1. Defect found and repaired
2. Defect found and recorded, machine still OK
3. OK
4. Not applicable

CHECK:	1	2	3	4
Condition and tension of fan, alternator & AC belts			/	
Universal joints for wear			/	
Air conditioner – condition and operation			/	
Operation of hydraulic controls			/	
Steering operation			/	
Service brake operation			/	
Park brake operation			/	
Frame and attachments for cracks			/	
Fuel system for loose bolts and fittings			/	
Fuel line supply support clamps			/	
Hydraulic system for damaged lines and loose fittings			/	
All hoses for general condition and chaffing			/	
Cooling system hoses for condition and clamps for tightness			/	
Induction system for leaks and clamps for tightness			/	
Engine mounts			/	
Exhaust system for leaks, clamps and bolts for tightness			/	
Radiator for debris (wash if necessary)			/	
All points are receiving grease			/	
Operation of park brake interlock			/	
Fan hub and jockey pullet bearings for excessive movement			/	
Seat belt – retainers and operation			/	
Horns – air/electric			/	
Wipers			/	
Mirrors			/	
Seats – suspension adjustment/condition			/	
Doors			/	
Windows			/	

*washed*

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CHECK:	1	2	3	4
Gauges			/	
Grab rails			/	
Fire extinguishers – invert and shake to loosen powder			/	
Fire suppression bottle charge				/
Lights			/	
Reverse alarm			/	
Cab condition			/	
Audible alarm and warning lights			/	
Operation of emergency stop			/	
Engine shut down system			/	
Steps			/	
Nose cone pin & bush movement			/	
Equaliser bar pin movement			/	
Accumulation of fuel, oil, grease etc. that may cause fire hazard			/	
Fuel leaks			/	

CHECK:				
<b>KEY:</b>				
1. Defect found and repaired				
2. Defect found and recorded, machine still OK				
3. OK				
4. Not applicable				
GET CONDITION	Initial Appropriate Column			
	1	2	3	4
Ripper Shank Protectors			/	
Ripper Tips	/			
Blade Cutting Edges			/	
Blade Corner tips LH			/	
Blade Corner Tips RH			/	

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	Integrated Management System	Quality Form	Document No.MAF0018	D10 Dozer 1000 Hour Service Sheet	Page 6 of 7
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EQUALISER BAR & END PINS	1	2	3	4
Clean seals & inspect for damage or deterioration			/	
Check seal neutral position			/	
Check pin movement as per workshop manual			/	
Check equaliser bar centre pin for movement			/	
Check equaliser bar pads for deterioration, damage & cracks to rubber			/	

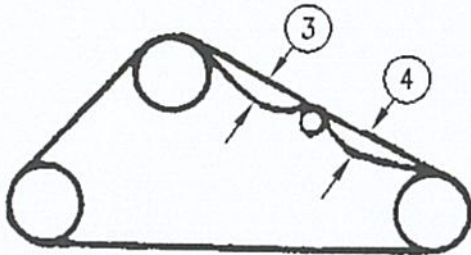
CHECK/ADJUST	Initial Appropriate Column			
	1	2	3	4

Position machine by allowing a coast to stop

Note: If packing conditions are present in operational environment, adjust tracks in packed state.

Adjustment Limits Single carry roller  $75 \pm 10$ mm sag at each location. The sum of dimension 3 & 4 must be 155mm-10mm

(Position 3 & 4)



Note: If tracks require adjustment refer to work shop Manual for safety Instructions

LHS Adjustment 75 mm    RHS Adjustment Spec mm

Track Adjustment			/	
Condition of Track Rollers			/	
Track Pins & Bushes			/	
Track Roller Bolts – loose or missing			/	
Track Frame condition Cannon chrome			/	
Canon - leaks			/	
Grouser bolts - tight visual check			/	
Sprocket segment bolts			/	
Carrier Roller & Bolts			/	
Idler bolts – missing or loose			/	
Idler Condition LHF <u>Serviceable</u>			/	
Idler Condition LHR <u>v</u>			/	
Front Idler Position <u>Serviceable</u>			/	

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**Accident Prevention**  
 Read and understand safety warning in the operation and maintenance manual  
 Have you completed a take 2?  
 Have your job circumstances change since completing your take 2?

TD58 D10T2 Dozer 250 Hour Service Sheet					
Date:	22-5-20	Name:	Jupke		
Plant ID:	T058	Service Type:	250 Hour	Machine Hours:	20235
<input type="checkbox"/>	Machine has been cleaned prior to commencement of service				
<input checked="" type="checkbox"/>	Machine has been positioned on flat level ground				
<input checked="" type="checkbox"/>	All implements have been lowered				
<input type="checkbox"/>	Machine has been isolated and locked out				

Compartment	Oil Type	Amount (Litres)
Engine	15W-40	68 L
Transmission	30W	230 L
Hydraulics	10W	160 L
Radiator	Cat Extended Life Coolant	180 L
Final Drive P1	60W	23 L
Final Drive P2	60W	23 L
Equaliser	85W-140	
Recoil - model D10T	50W	64 L

Compartment	Oil Type	Amount (Litres)
Engine	15W-40	68 L
Filter List	Qty	Part Numbers
Engine Oil Filter	2	1R-1808
Fuel Filter	2	1R-0755
Fuel Water Separator Filter	1	438-5385
Primary Engine Air Filter	2	6I-2505
Cabin Air Filter	1	231-0167
Cabin Air Filter	1	346-8243
SOS Sample	2	SOS003

<b>250 HR LUBE SERVICE</b>	<b>INITIAL</b>
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<b>SAMPLE:</b>	Engine	JS.
	Transmission	JS.
<b>CHANGE:</b>	<i>Hydraulic</i>	JS.
	Engine oil	JS.
	Engine oil filters	JS.
	Fuel filters	JS.
	Primary engine air filters	JS.
	Cab air conditioner / heater filters	JS.
<b>CLEAN:</b>		
	Batteries and terminals	JS.
	Cab fresh air filter	<i>Replaced.</i> JS.
	Engine air filter primary element	JS.
	Engine air pre cleaner	JS.
	Engine breathers	JS.
	Fuel cap, filter & strainer	JS.
	Condenser	JS.
<b>CHECK:</b>		
	Engine oil level	JS.
	Hydraulic system oil level	JS.
	Transmission oil levels	<i>Tapped up oil.</i> JS.
	Final drive oil level	<i>Tapped up oil.</i> JS.
	Pivot shaft oil level	JS.
	Recoil spring compartment oil	JS.
	Equaliser bar end pin oil level	JS.
	Equaliser bar end pin seals	JS.
	Equaliser bar pads	<i>require replacing</i> JS.
	Coolant level	JS.
	Engine air filter secondary element	JS.
	Drain fuel system water separator	JS.
	Drain fuel tank water & sediment	JS.
	Radiator	JS.
	Battery cable	JS.
	Battery electrolyte level	JS.
	Fuses	JS.
	Undercarriage	JS.

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GREASE:					
	Fan bearings			JS	
	Belt tensioner bearings			JS	
	Universal joints			JS	
	Fill auto grease system			NA	
250HR MECHANICAL SERVICE					
<b>KEY:</b>					
1. Defect found and repaired					
2. Defect found and recorded, machine still OK					
3. OK					
4. Not applicable					
CHECK:		1	2	3	4
Condition and tension of fan, alternator & AC belts				/	
Universal joints for wear				/	
Air conditioner – condition and operation				/	
Operation of hydraulic controls				/	
Steering operation				/	
Service brake operation				/	
Park brake operation				/	
Frame and attachments for cracks				/	
Fuel system for loose bolts and fittings				/	
Fuel line supply support clamps				/	
Hydraulic system for damaged lines and loose fittings				/	
All hoses for general condition and chaffing				/	
Cooling system hoses for condition and clamps for tightness				/	
Induction system for leaks and clamps for tightness				/	
Engine mounts				/	
Exhaust system for leaks, clamps and bolts for tightness				/	
Radiator for debris (wash if necessary)				/	
All points are receiving grease	/				
Operation of park brake interlock				/	
Fan hub and jockey pullet bearings for excessive movement				/	
Seat belt – retainers and operation				/	
Horns – air/electric				/	
CHECK:		1	2	3	4
Wipers				/	

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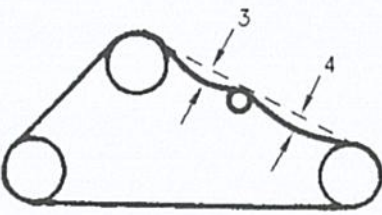
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Mirrors				/
Seats – suspension adjustment/condition				/
Doors				/
Windows				/
Gauges				/
Grab rails				/
Fire extinguishers – invert and shake to loosen powder				/
Fire suppression bottle charge				/
Lights			X	/
Reverse alarm				/
Cab condition				/
Audible alarm and warning lights				/
Operation of emergency stop				/
Engine shut down system				/
Steps				/
Nose cone pin & bush movement				/
Equaliser bar pin movement				/
Accumulation of fuel, oil, grease etc. that may cause fire hazard				/
Fuel leaks				/

<b>CHECK:</b>				
<b>KEY:</b>				
1. Defect found and repaired				
2. Defect found and recorded, machine still OK				
3. OK				
4. Not applicable				
<b>GET CONDITION</b>	<b>Initial Appropriate Column</b>			
	1	2	3	4
Ripper Shank Protectors			/	
Ripper Tips			/	
Blade Cutting Edges			/	
Blade Corner tips LH			/	
Blade Corner Tips RH			/	

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CHECK/ADJUST	Initial Appropriate Column			
	1	2	3	4
				
<p>Illustration 3 Track adjustment with carrier rollers <span style="float: right;">g00511992</span></p> <p>If the machine is equipped with a carrier roller, the correct adjustment of dimension (3) and dimension (4) is 75 ± 10 mm (3 ± 0.40 inch).</p> <p>Note: If tracks require adjustment refer to work shop Manual for safety Instructions  LHS Adjustment <u>52</u> mm    RHS Adjustment <u>52</u> mm</p>				
Track Adjustment			/	
Condition of Track Rollers			/	
Track Pins & Bushes			/	
Track Roller Bolts – loose or missing			/	
Track Frame condition Cannon chrome			/	
Canon - leaks			/	
Grouser bolts - tight visual check			/	
Sprocket segment bolts			/	
Carrier Roller & Bolts			/	
Idler bolts – missing or loose			/	
Idler Condition LHF		Idler Condition RHF	/	
Idler Condition LHR		Idler Condition RHR	/	
Front Idler Position			/	

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