

Date	Work Description	Plant No	Work Type
05/06/19	TD49 - repair beacon light & test	TD49	Plant Maintenance Labour
25/09/20	TD49 - install keeper pin in RH push arm	TD49	Plant Maintenance Labour
30/09/20	TD49 - c/o GET & wash	TD49	Plant Maintenance Labour
30/09/20	TD49 - wash	TD49	Plant Maintenance Labour
08/02/21	TD49 - engine ECM	TD49	Plant Maintenance Labour
07/05/21	Wash for demob	TD49	MF - Maintenance Fitter
07/05/21	Service	TD49	MF - Maintenance Fitter
11/05/21	Remove Rollbar from Dozer	TD49	MF - Maintenance Fitter
12/05/21	Fit Blade	TD49	MF - Maintenance Fitter
12/05/21	Assembl Blade & Fit	TD49	MF - Maintenance Fitter
12/05/21	E-Stops	TD49	MF - Maintenance Fitter
14/05/21	Oil Leak	TD49	MF - Maintenance Fitter
07/07/21	Refit draft and pin	TD49	MF - Maintenance Fitter
12/07/21	Fit Draft Arm pin	TD49	MF - Maintenance Fitter
29/07/21	Refit pin to draft arm	TD49	MF - Maintenance Fitter
30/07/21	Certification forms	TD49	MF - Maintenance Fitter
27/08/21	Make Retainer Plate and fix pin	TD49	MF - Maintenance Fitter
02/09/21	1000hr service	TD49	MF - Maintenance Fitter
02/09/21	Wash Machine	TD49	MF - Maintenance Fitter
02/09/21	1000hr service	TD49	MF - Maintenance Fitter
03/09/21	1000hr service	TD49	MF - Maintenance Fitter
03/09/21	1000 hr service	TD49	MF - Maintenance Fitter
03/09/21	1000hr Service	TD49	MF - Maintenance Fitter
03/09/21	1000hr service	TD49	MC - Maintenance Co-Ordinator
14/09/21	Dismantle fron of engine and remove failed parts	TD49	MC - Maintenance Co-Ordinator
15/09/21	Fit up engine parts	TD49	MC - Maintenance Co-Ordinator
16/09/21	Defects	TD49	MF - Maintenance Fitter
16/09/21	Fit up parts	TD49	MC - Maintenance Co-Ordinator
17/09/21	Aircon	TD49	MC - Maintenance Co-Ordinator
20/09/21	Fault codes	TD49	MC - Maintenance Co-Ordinator
20/09/21	Fault codes	TD49	MC - Maintenance Co-Ordinator
21/09/21	Put back together- electrical fault	TD49	MC - Maintenance Co-Ordinator
22/09/21	Electrical fault codes	TD49	MC - Maintenance Co-Ordinator
23/09/21	Electrical fault	TD49	MC - Maintenance Co-Ordinator
23/09/21	Electrical Fault	TD49	MC - Maintenance Co-Ordinator
27/09/21	Electrical fault	TD49	MC - Maintenance Co-Ordinator
27/09/21	Aircon	TD49	MC - Maintenance Co-Ordinator
28/09/21	Aircon	TD49	MC - Maintenance Co-Ordinator
29/09/21	ECM downloads	TD49	MC - Maintenance Co-Ordinator
06/10/21	Fault codes	TD49	MC - Maintenance Co-Ordinator
07/10/21	Electrical fault	TD49	MC - Maintenance Co-Ordinator
08/10/21	Flectrical Fault	TD49	MC - Maintenance Co-Ordinator
18/10/21	Fault Codes	TD49	MC - Maintenance Co-Ordinator
17/11/21	Charge aircon fix connection pressure switch	TD49	MC - Maintenance Co-Ordinator
25/11/21	Electrical fault	TD49	MF - Maintenance Fitter
30/11/21	Electrical fault	TD49	MF - Maintenance Fitter
11/01/22	C/O UHF to digital radio	TD49	MC - Maintenance Co-Ordinator
18/01/22	Repair GPS	TD49	MC - Maintenance Co-Ordinator
18/01/22	Fit revolving light	TD49	MC - Maintenance Co-Ordinator
10/02/22	250hr service	TD49	MF - Maintenance Fitter
10/02/22	250hr Service	TD49	MF - Maintenance Fitter
22/02/22	Air filter fault	TD49	MF - Maintenance Fitter
28/02/22	Defects	TD49	MF - Maintenance Fitter
28/02/22	Lift up and drop out LH front roller swap with mid	TD49	MF - Maintenance Fitter
28/02/22	Fit new roller, caps lower, pumped tracks	TD49	MF - Maintenance Fitter
09/03/22	c/o LH front load roller/ move middle-front roller	TD49	MF - Maintenance Fitter
09/03/22	Track Rollers	TD49	MF - Maintenance Fitter
26/04/22	Rectify seat faul	TD49	MF - Maintenance Fitter

02/05/22	Wash tracks/jack up release tension/ clean tracks	TD49	MF - Maintenance Fitter
02/05/22	wash/ remove tracks	TD49	MF - Maintenance Fitter
02/05/22	Remove grouser plates	TD49	MF - Maintenance Fitter
02/05/22	Tracks and grouse plates	TD49	MC - Maintenance Co-Ordinator
02/05/22	Wash dozer/ split tracks	TD49	MF - Maintenance Fitter
02/05/22	remoe grousers	TD49	MF - Maintenance Fitter
03/05/22	Tracks repairs	TD49	MF - Maintenance Fitter
03/05/22	Track Repairs/ New segments/ roller rotation	TD49	MF - Maintenance Fitter
09/05/22	Prep track chains	TD49	MF - Maintenance Fitter
09/05/22	Unwrap tracks and clean for grouser plates	TD49	MF - Maintenance Fitter
09/05/22	Tracks and grousers	TD49	MC - Maintenance Co-Ordinator
10/05/22	Cleaned track chains and bolts/ tension grover pla	TD49	MF - Maintenance Fitter
10/05/22	Fit grousers and Torque bolts	TD49	MF - Maintenance Fitter
10/05/22	Fit Grousers to new chains	TD49	MF - Maintenance Fitter
10/05/22	Torque grouser bolts	TD49	MF - Maintenance Fitter
10/05/22	Track chains	TD49	MC - Maintenance Co-Ordinator
11/05/22	Remove track idlers	TD49	MF - Maintenance Fitter
11/05/22	Remove track Idler	TD49	MF - Maintenance Fitter
12/05/22	Remove idlers and clean caps	TD49	MF - Maintenance Fitter
12/05/22	Fit idlers/ Tension	TD49	MF - Maintenance Fitter
12/05/22	Fit tracks to dozer	TD49	MF - Maintenance Fitter
12/05/22	Remove Idlers and fit new ones	TD49	MF - Maintenance Fitter
12/05/22	Fit tracks and Idlers	TD49	MF - Maintenance Fitter
23/05/22	Wewld track plates	TD49	MF - Maintenance Fitter
22/08/22	Service repairs	TD49	MF - Maintenance Fitter
22/08/22	Service	TD49	MF - Maintenance Fitter
22/08/22	Service and defects	TD49	MF - Maintenance Fitter
23/08/22	INSPECT +CHECK FINAL DRIVE ,EQUIZER BAR,PILOT SHIF	TD49	LMF - Labour Maintenance Fitter
23/08/22	SERVICE	TD49	LMF - Labour Maintenance Fitter
23/08/22	WASH OUT DECC GUARD + MACHINE GET GUARD	TD49	LMF - Labour Maintenance Fitter
23/08/22	SERVICE + DEFECTS	TD49	LMF - Labour Maintenance Fitter
23/08/22	SERVICE + DEFECTS	TD49	LMF - Labour Maintenance Fitter
12/09/22	Hydraulic oil leak	TD49	MF - Maintenance Fitter
12/09/22	hydro oil leak	TD49	MC - Maintenance Co-Ordinator
12/09/22	Oil leak	TD49	MF - Maintenance Fitter
19/09/22	Steering fault	TD49	MF - Maintenance Fitter
19/09/22	Inspect for noise in rear end	TD49	MF - Maintenance Fitter
20/09/22	Inspect machine	TD49	MF - Maintenance Fitter
20/09/22	Hyd Noise	TD49	MF - Maintenance Fitter
27/09/22	Fit new wiper blades	TD49	MF - Maintenance Fitter
02/11/22	Replace Air filters/ check water entry	TD49	MF - Maintenance Fitter
07/11/22	Oil leak	TD49	MF - Maintenance Fitter
23/01/23	Ripper boots	TD49	MF - Maintenance Fitter
23/01/23	Ripper boots	TD49	MF - Maintenance Fitter
23/02/23	Rectify RH cylinder mount	TD49	MF - Maintenance Fitter
10/03/23	Top up LH final	TD49	MF - Maintenance Fitter
06/04/23	wash for transport	TD49	MF - Maintenance Fitter
11/04/23	Blade removal	TD49	MF - Maintenance Fitter
11/04/23	Wash for transport	TD49	MF - Maintenance Fitter
11/04/23	Wash remove blade load on truck	TD49	MF - Maintenance Fitter
14/04/23	Disassemble/ load blade for transport	TD49	MF - Maintenance Fitter
14/04/23	Disassemble blade	TD49	MF - Maintenance Fitter
14/04/23	Load blade on to truck	TD49	MF - Maintenance Fitter
15/04/23	Remove final, lift ram cyclinder, fit final & trac	TD49	LMF - Labour Maintenance Fitter
15/04/23	Re-seal LH final drive, LH Ram	TD49	LMF - Labour Maintenance Fitter
28/04/23	Fit blade, fit rope frame	TD49	LMF - Labour Maintenance Fitter
20/07/23	Rmv 2x t/frames, clean, inspect damage	TD49	LMF - Labour Maintenance Fitter
21/07/23	repairs, clean trackframes & equalisa shaft	TD49	LMF - Labour Maintenance Fitter
24/07/23	Rmv equil, rmv pivot shaft stub asle, rmv cannon o	TD49	LMF - Labour Maintenance Fitter

25/07/23	Order parts, chk warn parts, rpr rmv floor guards	TD49	LMF - Labour Maintenance Fitter
27/07/23	Rmv bearings clean equ bar, rmv bearings track fra	TD49	LMF - Labour Maintenance Fitter
07/08/23	Rmv sump p/up	TD49	LMF - Labour Maintenance Fitter
11/08/23	Clean block sump, inst n/sump gask, p/u pipes, s/a	TD49	LMF - Labour Maintenance Fitter
16/08/23	Press bushes into equil inst, inst p/shaft	TD49	LMF - Labour Maintenance Fitter
17/08/23	Press bushes into frame	TD49	MF - Maintenance Fitter
21/08/23	Repairs	TD49	LMF - Labour Maintenance Fitter
22/08/23	Repairs	TD49	LMF - Labour Maintenance Fitter
22/08/23	Install track frames, assemble tracks	TD49	LMF - Labour Maintenance Fitter
23/08/23	Finish, fill pivot shafts fit blade 250HR serv chk	TD49	LMF - Labour Maintenance Fitter
23/08/23	Remove RHS track frame	TD49	LMF - Labour Maintenance Fitter
24/08/23	Rmv clean up LHS track frame	TD49	LMF - Labour Maintenance Fitter
25/08/23	Rpr, fit bushes into frame, clean surf, rmv d/ax,	TD49	LMF - Labour Maintenance Fitter
25/08/23	Fit bushes	TD49	LMF - Labour Maintenance Fitter
04/09/23	Remove bonnet, assemble guards	TD49	MF - Maintenance Fitter
04/09/23	Clean engine, remove valve cover	TD49	MF - Maintenance Fitter
05/09/23	Repairs - replace injector, valve cover, fit dpf	TD49	MF - Maintenance Fitter
06/09/23	Wash dozer, rpl doo stop rubbers, adj doors	TD49	LMF - Labour Maintenance Fitter
08/09/23	Clean cabin and windows	TD49	LMF - Labour Maintenance Fitter
08/03/24	Checkover a/c	TD49	MF - Maintenance Fitter
04/04/24	checkover	TD49	MF - Maintenance Fitter
06/04/24	UHF wipers & fuel cap faults	TD49	MF - Maintenance Fitter
24/06/24	Checkover for work	TD49	MF - Maintenance Fitter
24/06/24	Checkover ad site prep	TD49	MF - Maintenance Fitter
04/07/24	run and TD49 and load on float	TD49	MF - Maintenance Fitter
10/10/24	INSPECT MACHINE AND COMPLETE FAULTS LIST, ORDER PA	TD49	MF - Maintenance Fitter
10/10/24	Remove hood, check system, prep for valve lash adj	TD49	MF - Maintenance Fitter
14/10/24	Complete valve set	TD49	MF - Maintenance Fitter
14/10/24	Fit all parts, reseal flywheel housing plate, fit	TD49	MF - Maintenance Fitter
14/10/24	Dozerr valve check abd plate seal (flywheel)	TD49	MF - Maintenance Fitter
15/10/24	Complete hood install, tidy wiring, replace fan mo	TD49	MF - Maintenance Fitter
16/10/24	Fit flashing bracket & light, move UHF & fit five	TD49	MF - Maintenance Fitter
16/10/24	Secure seat cushion, fit all missing cabin interio	TD49	MF - Maintenance Fitter
17/10/24	Complete 2000hr service	TD49	MF - Maintenance Fitter
17/10/24	2000hr Service	TD49	MF - Maintenance Fitter
21/10/24	Troubleshoot product link wash machine, begin fitt	TD49	MF - Maintenance Fitter
22/10/24	Final test product link, order replacement device	TD49	MF - Maintenance Fitter
24/10/24	Install all guards and panels, install belly plate	TD49	MF - Maintenance Fitter
24/10/24	Fit belly guards	TD49	MF - Maintenance Fitter
25/10/24	check over, top up oils, fit product link, fill fu	TD49	MF - Maintenance Fitter
04/06/25	Check over / gear oils adjust chains	TD49	MF - Maintenance Fitter
05/06/25	Windscreen motor replaced	TD49	MF - Maintenance Fitter
08/10/25	TD49 - machine check over, oil, lights	TD49	MF - Maintenance Fitter
22/10/25	troubleshoot no start, test power & earth remove b	TD49	MF - Maintenance Fitter
30/10/25	C/O starter motor , battery & pos cable	TD49	MF - Maintenance Fitter
	TD49 - Reseal ripper lift cylinder		
	TD49 - Wash machine		

**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?

**TD49 - D6 Dozer 2000 Hour Service Sheet**

<b>Date:</b>	22-0-24	<b>Name:</b>	Troy Slorach Jayne Schwab		
<b>Serial No:</b>	GMK00104	<b>Service Type:</b>	2000 Hour	<b>Machine Hours:</b>	757845

- Machine has been cleaned prior to commencement of service
- Machine has been positioned on flat level ground
- All implements have been lowered
- Machine has been isolated and locked out

Compartment	Oil Type	Amount (Litres)
Engine	15W-40	24.5 Litres
Transmission	50W	148 Litres
Coolant	Cat Extended Life Coolant	64.4 Litres
Hydraulic	15W-40	65 Litres
Final Drive P1	SAE 60	13.5 Litres
Final Drive P2	SAE 60	13.5 Litres
Recoil Spring Housing P1	SAE 50	25 Litres
Recoil Spring Housing P2	SAE 50	25 Litres
Pivot Shaft P1	SAE 50	5 Litres
Pivot Shaft P2	SAE 50	5 Litres

Filter List	Qty	Part Numbers
Engine Oil Filter	1	1R-1808 ✓
Fuel Filter	1	1R-0749 XZ
Fuel Water Separator Filter	1	326-1643 ✓
Primary Engine Air Filter	1	326-4689
Cabin Air Filter	1	6T-0988
Cabin Air Filter	1	6T-5068
Hydraulic Oil Filter	1	1R-0777
Transmission Breather	1	9G-5127
Transmission Oil Filter	1	<del>353-4688</del> 337 5270
Hydraulic Oil Filter (Pilot)	1	<del>334-5261</del> 126 1513
Fumes Disposal Filter	1	326-4689
<del>Fuel Priming Pump</del>	1	<del>300-3556</del>
SOS Sample	5	SOS003
Coolant Sample	1	SOS004

Hydraulic filter x1 465 6504

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2000 HR LUBE SERVICE		INITIAL
<b>SAMPLE:</b>	Engine	JS
	Transmission	↓
	Final Drive P1	
	Final Drive P2	
	Hydraulics	
	Coolant	
<b>CHANGE:</b>		
	Engine oil <i>To be done at 800HR</i>	JS
	Engine oil filter "	↓
	Fuel filter "	
	Fuel/Water Separator "	
	Cab air conditioner / heater filters "	
	Coolant	
	Hydraulic Oil Filter	
	Hydraulic Oil Filter (Pilot)	
	Hydraulic Oil	
	Transmission Oil	
	Transmission Filter	
	Final Drive P1	
	Final Drive P2	
	Pivot shaft oil P1	
	Pivot shaft oil P2	
	Recoil spring compartment oil P1	
	Recoil spring compartment oil P2	
	Window Wipers (If necessary)	↓
<b>CLEAN:</b>		
	Batteries and terminals	JS
	ARD Spark Plug	MA
	DPF Filter	MA
	Cab fresh air filter <i>change at 800HR replace</i>	JS
	Engine air filter primary element <i>change at 800HR + Secondary filter</i>	↓
	Engine air pre cleaner	
	Engine breathers	
	Fuel cap, filter & strainer	

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CLEAN:		
	Condenser	JS ↓
	Drain fuel system water separator	
	Drain fuel tank water & sediment	
	Radiator	
	Engine air filter secondary element	
	Transmission Scavenge & Magnetic Screen	
CHECK:		
	Hydraulic system oil level	JS ↓
	Torque Converter Scavenge Screen	
	Final drive oil level	
	Pivot shaft oil level	
	Equaliser bar end pin oil level & Inspect seals for wear	
	Coolant level	
GREASE:		
	Fan bearings	JS ↓
	Belt tensioner bearings	
	Universal joints	
	Fill auto grease system	

1000HR MECHANICAL SERVICE					
<b>KEY:</b>					
1. <b>Machine is not safe</b> , defect must be repaired					
2. Defect found and recorded, machine safe to operate					
3. Defect found and repaired					
4. OK					
5. Not applicable					
CHECK:	1	2	3	4	5
Condition and tension of fan, alternator & AC belts				/	
Universal joints for wear				/	
Air conditioner – condition and operation				/	
Operation of hydraulic controls				/	
Steering operation				/	
Undercarriage				/	
Service brake operation				/	

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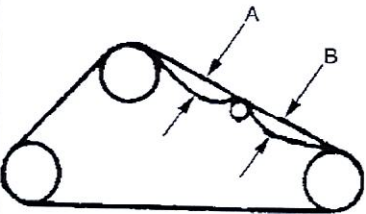
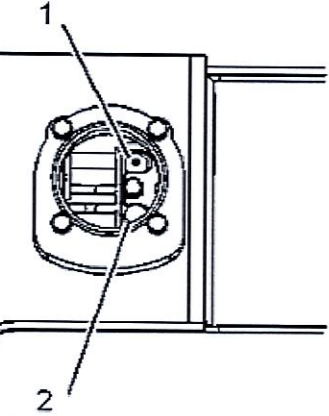
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CHECK:	1	2	3	4	5
Park brake operation				/	
Equaliser bar pads				/	
Frame and attachments for cracks				/	
Fuel system for loose bolts and fittings				/	
Fuel line supply support clamps				/	
Hydraulic system for damaged lines and loose fittings				/	
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				/	
Battery cable				/	
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				/	
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				/	

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CHECK:	1	2	3	4	5
Nose cone pin & bush movement				/	
Equaliser bar pin movement				/	
Accumulation of fuel, oil, grease etc. that may cause fire hazard				/	
Fuel leaks				/	
Fuses				/	

TRACK CHECK / ADJUST	
LHS TRACK TENSION: <i>Serviceable</i>	RHS TRACK TENSION <i>Serviceable -</i>
<p><b>Check adjustment:</b>            Move the machine forward. Allow the machine to coast to a stop without the use of the service brakes. Adjust the tracks while you are in the machine typical operating conditions. If packing conditions prevail on the workplace, the tracks should be adjusted without removing the packed material. To measure the sag in the track, stretch a string over the grouser that are between the sprocket and the front idler. Take the measurement from the string to the top of the grouser at the maximum measurement. Dimension (A) is the maximum distance between the string and the grouser.</p>  <p>The machine is equipped with a carrier roller. Calculate the average of dimension (A) and dimension (B). The correct average value is <math>55 \pm 10</math> mm (<math>2.2 \pm 0.4</math> inch)</p> <p><b>If machine requires loosening:</b>            Remove the access cover, add multipurpose grease through track adjustment valve, add grease until the dimension (A,B) is correct, operate the machine back and forth in order to equalize the pressure. Allow the machine to coast to a complete stop. Do not use the brakes</p>  <p><b>If machine requires tightening:</b>            Loosen relief valve (2) by one turn of 360 degrees and allow the grease to escape, close the relief valve. Tighten the valve to a torque of <math>34 \pm 7</math> N·m (<math>25 \pm 5</math> lb ft) add grease through track adjustment valve (1). Add grease until dimension (A, B, C) is correct, Install the access cover</p>	
ADJUSTMENT REQUIRED? YES / <b>NO</b>	ADJUSTMENT REQUIRED? YES / <b>NO</b>

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TRACK ADJUSTMENT:							
1. Defect found and repaired		3. OK		1	2	3	4
2. Defect found and recorded; machine still OK		4. Not Applicable		1	2	3	4
Track Adjustment						/	
Condition of Track Rollers						/	
Track Pins & Bushes						/	
Track Roller Bolts – loose or missing		idler cap cracked. Replaced.		/			
Track Frame condition Cannon chrome						/	
Canon - leaks						/	
Grouser bolts - tight visual check						/	
Sprocket segment bolts						/	
Carrier Roller & Bolts						/	
Idler bolts – missing or loose						/	
Front Idler Position						/	
Idler Condition LHF		Idler Condition RHF				/	/
Idler Condition LHR		Idler Condition RHR				/	/

CHECK:				
KEY:				
1. <b>Machine is not safe</b> , defect must be repaired				
2. Defect found and recorded, machine safe to operate				
3. Defect found and repaired				
4. OK				
5. 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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