

Mechanical Job Card

Internal Repairs Job Card

Submitted at 12:21 PM, 23rd Feb, 2024

Created by **Jake Van Puyenbroek** at **12:18 PM, 23rd Feb, 2024** from **Mobile**

V.1 submitted by **Jake Van Puyenbroek** at **12:21 PM, 23rd Feb, 2024** from **Mobile**

Result ID / version

#44856 / V.1

Form ID

#176

Form Result Details

Q1. Time & Date

12:18 PM, 23rd Feb, 2024

Q2. Asset

LR454 - CAT CS76B ROLLER

Q3. Km's or Hours

767

Q4. Description of Repairs or Maintenance Completed

250hr service

Q5. Time Required to Complete

2

Q6. Sign Off

JVP

LR 454



TAX INVOICE

Linct Group

Invoice Date
15 May 2023Invoice Number
INV-1198Reference
LR454ABN
71 627 726 238Earthworks Diesel Repairs
Pty Ltd
ABN 71 627 726 238
4 Mulhalls Road
MACCLESFIELD VIC
3782
Mick@edrepairs.com.au
0407 147 882

Description	Quantity	Unit Price	GST	Amount AUD
11/03/2023. Cat roller CS76B LR454 @1387hr. Check drive faults. Repair broken wire in loom. Travel back to Pakenham from woods point.	6.00	120.00	10%	720.00
Travel	130.00	1.20	10%	156.00
Subtotal				876.00
TOTAL GST 10%				87.60
TOTAL AUD				963.60

Due Date: 29 May 2023Earthworks Diesel Repairs Pty Ltd
BSB: 013 312
Acc No: 310793368

Thank You

Payment terms 14 days from invoice date

SCANNED
MA

PAYMENT ADVICE

To: Earthworks Diesel Repairs Pty Ltd
ABN 71 627 726 238
4 Mulhalls Road
MACCLESFIELD VIC 3782
Mick@edrepairs.com.au
0407 147 882Customer Linct Group
Invoice Number INV-1198
Amount Due 963.60
Due Date 29 May 2023
Amount Enclosed

Enter the amount you are paying above

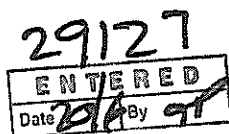
LR454



TAX INVOICE

Linct Group

9999



Invoice Date
1 Jun 2023

Invoice Number
INV-1242

Reference
LR454

ABN
71 627 726 238

Earthworks Diesel Repairs
Pty Ltd

ABN 71 627 726 238

4 Mulhalls Road

MACCLESFIELD VIC

3782

Mick@edrepairs.com.au

0407 147 882

Description	Quantity	Unit Price	GST	Amount AUD
16/05/2023. Cat roller LR454 @1437hrs. Labour to diagnose drive fault	3.00	120.00	10%	360.00
19/05/2023. Cat roller LR454. Labour to complete 500hr service and inspection. Replace drive solenoid nut. Repair LH Side rubber cover	5.00	110.00	10%	550.00
Engine oil	12.00	5.00	10%	60.00
Oil filter	1.00	21.24	10%	21.24
Fuel filter	1.00	33.24	10%	33.24
Fuel water separator	1.00	55.40	10%	55.40
In line fuel filter	1.00	49.69	10%	49.69
Primary air filter	1.00	73.40	10%	73.40
Secondary air filter	1.00	56.81	10%	56.81
Cabin filter	1.00	103.26	10%	103.26
SOS's	5.00	38.40	10%	192.00
Grease	1.00	17.42	10%	17.42
Environmental / Consumables	1.00	40.00	10%	40.00
Solenoid valve	1.00	330.31	10%	330.31
			Subtotal	1,942.77
			TOTAL GST 10%	194.27
			TOTAL AUD	2,137.04



Due Date: 15 Jun 2023



ROLLER SERVICING SCHEDULE

Date:	<i>11.01.24</i>	Serial Number:	<i>L9H00156</i>
Unit Number:	<i>LR454</i>	Mechanic:	<i>Harry Parker</i>
Rego Number:	<i>XW39DF</i>	Mechanic:	
Service Type:	<i>250</i>	Serviceman:	
Kilometres:		Operator:	
Hours:	<i>1729</i>	Spotter:	

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door, Door latches, windows operations & seals, Smoke bomb cab (if necessary)	<i>X</i>			<i>HP</i>
2	Inspect	Seat belt for damage, fraying & anchor bolt security, Change after 3 years	<i>X</i>			<i>HP</i>
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	<i>X</i>			<i>HP</i>
4	Check	Windscreen & other glass in the cab for chips or cracks	<i>X</i>			<i>HP</i>
5	Check	Operation of window winders & door handles	<i>X</i>			<i>HP</i>
6	Check	Pedal rubbers are on and in good condition	<i>X</i>			<i>HP</i>
7	Check	For breakdown triangles, first aid kit is in date, wheel brace & jack	<i>X</i>			<i>HP</i>
8	Check	Operation of ignition, instrumentcluster, warning alarms & switches	<i>X</i>			<i>HP</i>
9	Check	Operation of steering wheel (lock to lock), security of the column adjustor	<i>X</i>			<i>HP</i>
10	Check	Secondary steering system for operation			<i>X</i>	<i>HP</i>
11	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating becon	<i>X</i>			<i>HP</i>
12	Check	Operation of horn, AM/FM radio, UHF radio and internam cab light	<i>X</i>			<i>HP</i>
13	Check	Operation of E-Stops	<i>X</i>			<i>HP</i>
14	Check	Operation of AM / FM radio & UHF radio	<i>X</i>			<i>HP</i>
15	Check	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	<i>X</i>			<i>HP</i>

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Connect	For excessive exhaust smoke or abnormal noises / vibrations	<i>X</i>			<i>HP</i>
17	Test	Operation of automatic transmission kick down, lock-up & neutral inhibitor	<i>X</i>			<i>HP</i>
18	Test	Service brake operation / adjustment	<i>X</i>			<i>HP</i>
19	Test	Park brake operation (test on a 10° slope) Ajust if required	<i>X</i>			<i>HP</i>
20	Check	For brake drag	<i>X</i>			<i>HP</i>
22	Check	The general driving characteristic of the roller	<i>X</i>			<i>HP</i>
23	Check	Drum Centre Pivot & Articulation Pins & Bushes for excessive movement &	<i>X</i>			<i>HP</i>
26	Check	Drum or wheel scraper bars for correct adjustment, adjust if required	<i>X</i>			<i>HP</i>
27	Check	Vibration operation of drum	<i>X</i>			<i>HP</i>

28	Check	Water sprays for operation, check nozzles for even spray			X	HP
29	Check	Operation of airconditioner & heater	X			HP
30	Check	Using a scan tool check for fault codes	X			HP
FRAME & BODY						
<i>Park on level ground, Raise tipper body, Fit body prop, Relieve all pressures, Start from front right hand side and work</i>						
No.	ACTION	CHECKS	S	US	N/A	Initial
32	Check	Cab mounts, operations of cab tilt & lock ing mechanism	X			HP
33	Check	ROP's for security & integrity	X			HP
34	Check	For exsternal body damage / bonnet tilt, security to bonnet & tanks	X			HP
35	Check	Rear vision mirrors & brackets for condistion & security	X			HP
36	Check	Steps & handrails for security	X			HP
37	Check	Mudguards, mudflaps, for conditions & security			X	HP
38	Check	For metal fatigue in chassis rails, cross members tow hitch frame	X			HP
39	Inspect	All Hydraulic hoses for signs of rubbing, leaks & deterioration	X			HP
40	Check / Clean	Check battery box, mountings, terminals, cables & electrolyte levels	X			HP
41	Inspect	All airlines / valves / fittings for air leaks & chaffing			X	HP
42	Check	Brake Master Cylinders, Slave Cylinders for leaks, fluid			X	HP
43	Inspect	All grease lines for damage / security & grease penetration	X			HP
44	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing	X			HP
45	Inspect	Tow Hitch / Pin	X			HP
UNDER BONNET / ENGINE BAY						
No.	ACTION	CHECKS	S	US	N/A	Initial
46	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	X			HP
47	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage & presence of dusting	X			HP
48	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	X			HP
49	Inspect	Engine for oil leaks & damaged hoses	X			HP
50	Check	Engine mounts for wear & security				HP
51	Check	Water pump "tell tail" for leakage or blockage	X			HP
52	Check	Alternator pulley, mountings, bearings & idler pulleys	X			HP
53	Check	Air Conditioner compressor pully, mountings, hoseconnections for leakage & movement	X			HP
54	Inspect	Fan, Alternator, Air conditioner belts for condition & tension	X			HP
55	Inspect	Fan blades for cracks, wear, damage & security	X			HP
56	Check	Radiator mountings, coolant leakage & air flowthrough radiator, clean when	X			HP
57	Inspect	Coolant / heater hose / clamps for condition leaks & tightness	X			HP
58	Inspect	Power steering reservoir / pump / hoses for leakage			X	HP
59	Check	Power steering box for oil leaks, excessive movement, security of steering			X	HP
60	Inspect	Steering collum universal joints, slip joint & mounting	X			HP
61	Inspect	Electrical harnesses / connectionsfor damage & security	X			HP
62	Inspect	Engine bay is free of combustibile materials i.e. leaves, sticks & rags	X			HP
63	Drain	Fuel Tank water & sediment drain	X			HP
POWER TRAIN & AXLES						
No.	ACTION	CHECKS	S	US	N/A	Initial
64	Check	Wheel bearings, adjust or replace if necessary	X			HP
65	Inspect	Rubber mounting blocks on rolling drums	X			HP
66	Inspect	Steering Cylinders / Pins / Bushes for leaks, excessive movement & grease	X			HP
67	Inspect	Trassmission oil leaks, mount & lubrication of pivot points	X			HP
68	Check	Universal joints / slip joint / centre bearings for movement	X			HP

69	Inspect	Differentials for oil leaks, excessive movement in input & output shafts										X				HP			
70	Check	Trunnions for excessive movement & grease penetration										X				HP			
71	Check	Wheel nuts for tension & security										X				HP			
72	Inspect	Wheel rims for damage, cracks, missing or loose wheel nuts										X				HP			
73	Inspect	Tyres for damage, tread depth & pressure																	
	Depth	P1:		mm	P2:		mm	P3:	7	mm	P4:	7	mm	X			HP		
		P5:		mm	P6:		mm	P7:		mm	P8:		mm						
74	Damage	P1:				P2:				P3:	S		P4:	S		X			HP
		P5:				P6:				P7:			P8:						
	Pressure	P1:		psi	P2:		psi	P3:		psi	P4:		psi	X				HP	
		P5:		psi	P6:		psi	P7:		psi	P8:		psi						
75	Rotate	Tires if required													X		HP		
2000 Hours																			
Remove wheels, brake drums, brake callipers & inspect for wear																			
No.	ACTION	CHECKS										S	US	N/A	Initial				
76	Measure	Service Brake Wear Indicator Check																	
		P1:		mm	P2:		mm	P3:		mm	P4:		mm						
Check & adjust valve clearences & engine brake																			
77		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6												
	Intake																		
	Exhaust																		
ROLLER LUBRICATION SCHEDULE																			
When Required																			
NO.	ACTION	ITEM				SIGN		ITEM				SIGN							
1	Change	Drum Cooling Oil																	
2	Grease / Lubricate	All Pivot Points				HP		Door Hinges & Latches				HP							
500 Hour Service																			
3	SOS (Sample), Top up if Required	Engine Oil				HP		Transmission Oil											
		Hydraulic Oil						Drive Axle											
		Vibratory Support Oil																	
4	Drain	Air Tanks																	
5	Change	Engine Oil				HP													
6	Change Filter	Engine Oil (Cut/Inspect)				HP		Outer Air Filter											
		Fuel / Water Separator						Secondary Fuel											
		Tranmission Oil																	
7	Inspect / Change	Secondary Air Filter				HP													
8	Inspect / Clean	Air Cleaner Dust Bowl																	
9	Inspect, Clean / Replace Breathers	Engine				HP		Hydraulic Tank											
		Tranmission																	
1000 Hour Service																			
10	SOS	Final Drive Planetary Axle						Final Drive Planetary Drum											
11	Change	Rear Drive Axle Oil						Final Drive Planetary Axle											
		Final Drive Planetary Drum						Vibratory Support Oil											
12	Change Filter	Hydraulic System Oil Filter						Hydraulic Tank Breather											
2000 Hour Service																			
13	SOS	Coolant																	
14	Change Filter	DEF Filter						Fumes Disposal Filter											
15		Fuel Tank Breather						Engine Crankcase Breather											
AFTER EVERY SERVICE																			
16	Check	All fluid levels are correct & the roller is running / operating as per OEM specifications														HP			

[illegible]

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

Name of Mechanic / Supervisor

Service Completion Date



ROLLER SERVICING SCHEDULE

Date:	<u>30.12.24</u>	Serial Number:	<u>L9H00156</u>
Unit Number:	<u>LR454</u>	Mechanic:	<u>Amanda</u>
Rego Number:	<u>XW39DF</u>	Mechanic:	
Service Type:	<u>2000 hours</u>	Serviceman:	
Kilometres:		Operator:	
Hours:	<u>1997.3</u>	Total Labour Hours:	<u>20.00</u>

INSPECTION SCHEDULE

EVERY SERVICE

The following inspections require having the engine running or machine moving. Use of an operator and spotter may be required.

IN CAB

	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door, Door latches, windows operations & seals, Smoke bomb cab (if necessary)	<i>x</i>			<i>AH</i>
2	Inspect	Seat belt for damage, fraying & anchor bolt security, Change after 3 years	<i>x</i>			<i>AH</i>
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	<i>x</i>			<i>AH</i>
4	Check	Windscreen & other glass in the cab for chips or cracks	<i>x</i>			<i>AH</i>
5	Check	Operation of window winders & door handles	<i>x</i>			<i>AH</i>
6	Check	Pedal rubbers are on and in good condition			<i>x</i>	<i>AH</i>
7	Check	For breakdown triangles, first aid kit is in date, wheel brace & jack	<i>x</i>			<i>AH</i>
8	Check	Operation of ignition, instrumentcluster, warning alarms & switches	<i>x</i>			<i>AH</i>
9	Check	Operation of steering wheel (lock to lock), security of the column adjustor	<i>x</i>			<i>AH</i>
10	Check	Secondary steering system for operation			<i>x</i>	<i>AH</i>
11	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	<i>x</i>			<i>AH</i>
12	Check	Operation of horn, AM/FM radio, UHF radio and internal cab light	<i>x</i>			<i>AH</i>
13	Check	Operation of E-Stops	<i>x</i>			<i>AH</i>
14	Check	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	<i>x</i>			<i>AH</i>

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
15	Connect	For excessive exhaust smoke or abnormal noises / vibrations	<i>x</i>			<i>AH</i>
16	Test	Operation of automatic transmission kick down, lock-up & neutral inhibitor	<i>x</i>			<i>AH</i>
17	Test	Service brake operation / adjustment	<i>x</i>			<i>AH</i>
18	Test	Park brake operation (test on a 10° slope) Adjust if required	<i>x</i>			<i>AH</i>
19	Check	For brake drag	<i>x</i>			<i>AH</i>
20	Check	The general driving characteristic of the roller	<i>x</i>			<i>AH</i>
21	Check	Drum Centre Pivot & Articulation Pins & Bushes for excessive movement &	<i>x</i>			<i>AH</i>
22	Check	Drum or wheel scraper bars for correct adjustment, adjust if required	<i>x</i>			<i>AH</i>
23	Check	Vibration operation of drum	<i>x</i>			<i>AH</i>
24	Check	Water sprays for operation, check nozzles for even spray			<i>x</i>	<i>AH</i>

25	Check	Operation of airconditioner & heater	✓			AH
26	Check	Using a scan tool check for fault codes	✓			AH
FRAME & BODY						
<i>Park on level ground, Raise tipper body, Fit body prop, Relieve all pressures, Start from front right hand side and work</i>						
No.	ACTION	CHECKS	S	US	N/A	Initial
27	Check	Cab mounts, operations of cab tilt & locking mechanism	✓			AH
28	Check	ROP's for security & integrity	✓			AH
29	Check	For exsternal body damage / bonnet tilt, security to bonnet & tanks	✓			AH
30	Check	Rear vision mirrors & brackets for condistion & security	✓			AH
31	Check	Steps & handrails for security	✓			AH
32	Check	Mudguards, mudflaps, for conditions & security	✓			AH
33	Check	For metal fatigue in chassis rails, cross members tow hitch frame	✓			AH
34	Inspect	All Hydraulic hoses for signs of rubbing, leaks & deterioration	✓			AH
35	Check / Clean	Check battery box, mountlings, terminals, cables & electrolyte levels	✓			AH
36	Inspect	All airlines / valves / fittings for air leaks & chaffing	✓			AH
37	Check	Brake Master Cylinders, Slave Cylinders for leaks, fluid	✓			AH
38	Inspect	All grease lines for damage / security & grease penetration	✓			AH
39	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing	✓			AH
40	Inspect	Tow Hitch / Pin			✓	AH
UNDER BONNET / ENGINE BAY						
No.	ACTION	CHECKS	S	US	N/A	Initial
41	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	✓			AH
42	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage & presence of dusting	✓			AH
43	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	✓			AH
44	Inspect	Engine for oil leaks & damaged hoses	✓			AH
45	Check	Engine mounts for wear & security	✓			AH
46	Check	Water pump "tell tail" for leakage or blockage	✓			AH
47	Check	Alternator pulley, mountings, bearings & idler pulleys	✓			AH
48	Check	Air Conditioner compressor pully, mountings, hoseconnections for leakage & movement	✓			AH
49	Inspect	Fan, Alternator, Air conditioner belts for condition & tension	✓			AH
50	Inspect	Fan blades for cracks, wear, damage & security	✓			AH
51	Check	Radiator mountings, coolant leakage & air flowthrough radiator, clean when	✓			AH
52	Inspect	Coolant / heater hose / clamps for condition leaks & tightness	✓			AH
53	Inspect	Power steering reservoir / pump / hoses for leakage	✓			AH
54	Check	Power steering box for oil leaks, excessive movement, security of steering	✓			AH
55	Inspect	Steering collum universal joints, slip joint & mounting	✓			AH
56	Inspect	Electrical harnesses / connectionsfor damage & security	✓			AH
57	Inspect	Engine bay is free of combustibile materials i.e. leaves, sticks & rags	✓			AH
58	Drain	Fuel Tank water & sediment drain	✓			AH
POWER TRAIN & AXLES						
No.	ACTION	CHECKS	S	US	N/A	Initial
59	Check	Wheel bearings, adjust or replace if necessary	✓			
60	Inspect	Rubber mounting blocks on rolling drums	✓			AH
61	Inspect	Steering Cylinders / Pins / Bushes for leaks, excessive movement & grease	✓			AH
62	Inspect	Trassmission oil leaks, mount & lubrication of pivot points	✓			AH
63	Check	Universal joints / slip joint / centre bearings for movement	✓			AH
64	Inspect	Differentials for oil leaks, excessive movement in input & output shafts	✓			AH

65	Check	Trunnions for excessive movement & grease penetration										✓				AH
66	Check	Wheel nuts for tension & security										✓				AH
67	Inspect	Wheel rims for damage, cracks, missing or loose wheel nuts										✓				AH
68	Inspect	Tyres for damage, tread depth & pressure														
	Depth	P1:	10	mm	P2:	10	mm	P3:		mm	P4:		mm	✓		AH
		P5:		mm	P6:		mm	P7:		mm	P8:		mm			
69	Damage	P1:	Nil		P2:	Nil		P3:			P4:					AH
		P5:			P6:			P7:			P8:					
	Pressure	P1:	20	psi	P2:	20	psi	P3:		psi	P4:		psi	✓		AH
		P5:		psi	P6:		psi	P7:		psi	P8:		psi			
70	Rotate	Tires if required														
2000 Hours																
Remove wheels, brake drums, brake callipers & inspect for wear																
No.	ACTION	CHECKS										S	US	N/A	Initial	
71	Measure	Service Brake Wear Indicator Check													✓	
		P1:		mm	P2:		mm	P3:		mm	P4:		mm			
Check & adjust valve clearences & engine brake																
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6									
	Intake													✓	RA	
	Exhaust													✓		
ROLLER LUBRICATION SCHEDULE																
When Required																
NO.	ACTION		ITEM				SIGN		ITEM				SIGN			
1	Change		Drum Cooling Oil													
2	Grease / Lubricate		All Pivot Points				AH		Door Hinges & Latches				AH			
250 Hour Service																
	SOS		Engine Oil				AH									
3	Change		Engine Oil				AH									
500 Hour Service																
	SOS		Hydraulic Oil				AH		Drive Axle				AH			
			Vibratory Support Oil				AH		Transmission Oil				AH			
4	Drain		Air Tanks													
5	Change Filter		Engine Oil (Cut/Inspect)				AH		Outer Air Filter				AH			
			Fuel / Water Separator				AH		Secondary Fuel				AH			
			Tranmission Oil				AH									
6	Inspect / Change		Secondary Air Filter				AH									
7	Inspect / Clean		Air Cleaner Dust Bowl				AH									
8	Inspect, Clean / Replace Breathers		Engine				AH		Hydraulic Tank				AH			
			Tranmission				AH									
1000 Hour Service																
9	SOS		Final Drive Planetary Axle				AH		Final Drive Planetary Drum				AH			
10	Change		Rear Drive Axle Oil				AH		Final Drive Planetary Axle				AH			
			Final Drive Planetary Drum				AH		Vibratory Support Oil				AH			
11	Change Filter		Hydraulic System Oil Filter				AH		Hydraulic Tank Breather				AH			
2000 Hour Service																
12	SOS		Coolant				AH									
13	Change Filter		DEF Filter				AH		Fumes Disposal Filter				AH			
14			Fuel Tank Breather				AH		Engine Crankcase Breather							
AFTER EVERY SERVICE																
15	Check		All fluid levels are correct & the roller is running / operating as per OEM specifications													

DEFECTS / COMENTS & PARTS TO BE ORDERED

35 Battery cable has a 'pinch' tear in cable. No cable is visible and battery works well and tested. Cleaned area and covered with electrical tape

MECHANIC	DATE	HOURS	MECHANIC	DATE	HOURS	Total Hrs
Amanda	30.12.24	5.00	Robert Arnsby	01.01.25	1.00	6.00
Amanda	31.12.24	7.00				7.00
Amanda	01.01.25	7.00				7.00
						0.00
						20.00

SERVICE COMPLETION DECLARATION

On signing / initialling this service report you deem that this service has been thoroughly completed. The equipment is in a safe and operational condition at the time of inspection / service.

A Hanslow

Mechanic / Supervisor Signature

01.01.25

Service Completion Date

Amanda Hanslow

Name of Mechanic / Supervisor