

Mechanical Job Card

Internal Repairs Job Card

Submitted at 7:23 PM, 3rd Apr, 2024

Created by **Jake Van Puyenbroek** at **7:21 PM, 3rd Apr, 2024** from **Mobile**

V.1 submitted by **Jake Van Puyenbroek** at **11:08 AM, 17th Apr, 2024** from **Mobile**

Result ID / version

#46022 / V.1

Form ID

#176

Form Result Details

Q1. Time & Date

8:21 PM, 3rd Apr, 2024

Q2. Additional Information

Service and repairs.

Q3. Asset

LR405 - CAT 305E 5t Excavator

Q4. Km's or Hours

3034

Q5. Description of Repairs or Maintenance Completed

3000 hr service complete

Window track fixed

Coolant leak fixed

Loose knuckle boom bolts tightened and fixed

Aircon was fixed by Jaizey's auto elec 3/4/24

Q6. Materials, Parts or Consumables Used

Service kit

Q7. Time Required to Complete

6

Q8. Sign Off

JVP

EXCAVATOR

SERVICING SCHEDULE

Date: 18/09/2025
LR No: 405
Rego: XW84CD

VIN: H5M03265
KMs/Hours: 3319HR
Service Type: 250

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

No.	ACTION	CHECKS	S	US	N/A	Initial
1	Inspect	Door latches & seals, smoke bomb cab (if necessary)	x			
2	Inspect	Seat belt for damage, fraying & anchor bolt security	x			
3	Check	Seat for correct operation, excessive movement, cover & cushion condition	x			
4	Check	Windscreen & other glass in the cab for chips or cracks	x			
5	Check	Operation of window winders & door handles	x			
6	Check	Pedal rubbers are on & in good condition	x			
7	Check	For breakdown triangles, condition & complete set	x			
8	Check	For first aid kit, in date & complete	x			
9	Check	Operation of ignition & security of key, instrument cluster, warning alarms, warning indicator lights & horn	x			
10	Check	Park lights, headlights, spot lights, indicators, brake lights, internal cab light, reverse camera & rotating beacon	x			
11	Check	Operation of AM / FM radio & UHF radio	x			
12	Check	Operation of horn	x			
13	Check	Operation of E-Stops	x			
14	Check	Wipers & Washers	x			
15	Check	OFire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	x			

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Check	For excessive exhaust smoke or abnormal noises / vibrations	x			
17	Check	Operation of Air Conditioner	x			
18	Test	Operation of joystick control levers (lock to lock)	x			
19	Test	Operation of slew brake is within OEM Specs	x			
20	Test	Operation of track drive controls for even operation	x			
21	Test	Operation of Blade controls	x			
22	Check	Operation, wear, excessive movement & oil leaks from track Rollers	x			
23	Test	Operator seat belt & safety arms lock out is operating correctly	x			
24	Check	Hydraulic lock out is operating correctly & the override switch	x			
25	Check	Operation of bucket quick hitch, lubricate	x			
26	Check	Bucket, Lift arm & Stick pivot pins & bushes for excessive movement, grease penetration	x			
27	Check	Cutting edges, edge cutters, bucket teeth goanna's & heel plates for excessive wear & security	x			
28	Check	Emergency equipment lowering control	x			
29	Check	Using a scan tool check for faults	x			
30	Check	DPF / DET Status & conduct manual burn if required	x			

Park on level ground, Isolate generator, Fit body prop, Relieve all pressures, Start from front right hand side and work clockwise around generator checking each item below

No.	ACTION	CHECKS	S	US	N/A	Initial
31	Check	Cab mounts, operation of bonnet tilt & locking mechanism's	x			
32	Inspect	ROP's for security & integrity	x			
33	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	x			
34	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	x			
35	Check	Rear vision mirrors & brackets for condition & operation	x			
36	Check	Steps & handrails for security	x			
37	Check	Guarding for condition & security	x			
38	Inspect	Remove track drive motor covers, clean out dirt build up & inspect	x			
39	Check	For metal fatigue in chassis, cross members & tow hitch	x			
40	Check	All hydraulic hoses for signs of rubbing, leaks & deterioration	x			
41	Check/ Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	x			
42	Check	For build up dirt / debris under cab, engine bay, hydraulic compartment, wash out if necessary	x			
43	Inspect	All grease lines & fittings for damage / security & grease penetration	x			
44	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	x			
45	Inspect	Tow hitch / pin	x			
46	Check	Hazard warning / component location Decals	x			

No.	ACTION	CHECKS	S	US	N/A	Initial
47	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	x			
48	Inspect/ Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	x			
49	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	x			
50	Inspect	Engine for oil leaks & damaged hoses	x			
51	Check	Engine mounts for wear & security	x			
52	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	x			
53	Check	Alternator pulley, mountings, bearings & idler pulleys	x			
54	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	x			
55	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	x			
56	Inspect	Fan blades for cracks, wear, damage & security	x			
57	Check	Radiator mountings, coolant leakage & air flow through radiator (clean if required)	x			
58	Check	Coolant, heater hoses, clamps for condition, leaks & tension	x			
59	Check	Electrical harnesses / connections for damage & security	x			
60	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	x			
61	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	x			

POWER TRAIN

No.	ACTION	CHECKS	S	US	N/A	Initial
62	Inspect	Hydraulic pump pipes, hoses, clamps for tension & oil leaks	x			
63	Inspect	Hydraulic pump drive & pump mountings for security & oil leaks	x			
64	Inspect	Track drive sprocket, measure the wear according to (OEM Spec's), re-locate if required	x			
65	Inspect	Track plates for wear, tightness, missing bolts and bent plates	x			
66	Inspect	Track chains for excessive wear, inspect the condition of the track pins diameter & shape	x			
67	Inspect	Drive line wear sleeve for damage, position & condition of lines, move or replace if necessary	x			

68	Inspect/ Adjust	The condition of the Track, the adjustment height of the track & adjust if necessary (Refer to OEM for specs & correct method to inspect the track sag according to the various track setups)						x			
69	Measure	LHS Track: mm			RHS Track: mm			x			
70	Inspect	All grease lines for damage / security & grease penetration						x			
71	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing						x			
X											
Check / Change or Adjust											
No.	ACTION	CHECKS						S	US	N/A	Initial
72		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6				
	Intake										
	Exhaust										
73	Check	Glow Plugs for power & conduct a continuity test on each plug						x			
74	Check	Using a Coolant Test Strip & compare to chart, change if necessary						x			
2000 HOUR SERVICE											
75	Measure	Swing Bearing deflection with a dial indicator in 4 separate places						x			
		0'	90'	180'	270'						
LUBRICATION SHEDULE											
EVERY SERVICE											
1	Lubricate		All grease points:			x					
2	SOS		Engine Oil:			x					
500 Hour Service											
3	SOS		Hydraulic Oil:			x		Transmission:			
			Front Differential:					Rear Differential:			
			P1 Final Drive:					P2 Final Drive:			
3	SOS		P3 Final Drive:					P4 Final Drive:			
4	Change		Engine Oil:			x					
5	Change Filters		Engine Oil (Cut/Inspect):			x		Primary Air Filter:		x	
			Fuel / Water Separator:			x		Secondary Fuel:		x	
6	Inspect / Change		Secondary Air Filters:			x		Signs of Dusting Y / N:			
7	Inspect / Clean		Air Cleaner Dust Bowl:					Fuel Tank Strainer:			
8	Inspect / Clean / Change		Engine Breather:								
9	Check / Top up		Coolant:								
1000 Hour Service											
10	Change Filters		Hydraulic Oil:					Transmission Oil:			
2000 Hour Service											
11	SOS		Coolant:								
12	Change		Front Differential Oil:					Rear Differential Oil:			
			P1 Final Drive Oil:					P2 Final Drive Oil:			
			P3 Final Drive Oil:					P4 Final Drive Oil:			
13	Change Filters		Hydraulic Tank Breather:					Fuel Tank Cap Filter:			
			(OCV) Open Crankcase Filter:								
3000 Hour Service											
14	Change		Hydraulic Oil on SOS:								
5000 Hour Service											
15	Change		DEF Filter:					DEF Injector:			
			ARD Spark Plug:								
16	Clean		DPF:								

AFTER EVERY SERVICE			
17	Check	All fluid levels, Correct Running operation of machine	
DEFECTS / COMENTS & PARTS TO BE ORDERED			
	track chains worn, sprockets due to be replaced at chain replacement		
	windsceeen washer motor not working		
	pin and bush wear throughout the stick and boom		
	knuckle boom pin and bush movement		
	bucket cylinder hydraulic seals starting to fail		
	cover missing off boom cylinder		
	wiper motor loose in window		
	window f+B141:T148rame slides.guides.locks worn		
<u>SERVICE COMPLETION DECLARATION</u> 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.   Mechanic / Supervisor Signature Service Completion Date  Name of Mechanic / Supervisor			

LR405

Marson Repairs & Hire Pty Ltd

PO Box 507

Beaconsfield 3807

Ph: 0418379397

Email:

marsonstruckrepairs@bigpond.com

Tax Invoice



TAX INVOICE TO
Linct Group Pty Ltd PO Box 444 Pakenham 3810

TAX REG NO	DATE	TAX INVOICE
51 617 755 432	2/05/2022	4249

TERMS	DUE DATE
Net 30	1/06/2022

SERVICED	ITEM	DESCRIPTION	QTY	GST	AMOUNT
2/05/2022	WORKSHOP L...	REPAIRS - CAT 5T EXCAVATOR PLANT NO: LR405 HRS: 1967	2	22.00	220.00
		REFIT DAMAGED FRONT WINDSCREEN REPAIR PIVOT POINTS REFIT ALL WIPERS			
2/05/2022	PARTS	WINDSCREEN FIT UP		17.00	170.00

22042

ENTERED

7/5/22

Bank Details
Commonwealth Bank
 BSB 063-733
 A/C No. 1051 0737

Tax GST	\$39.00
TOTAL	\$429.00

LR405


SCANNED
 170

TAX INVOICE

Linct Group

 Invoice Date
 9 Aug 2023

 Invoice Number
 INV-1358

 Reference
 LR405

 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

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Description	Quantity	Unit Price	GST	Amount AUD
24/07/2023. LR405 Cat 305 @ 2616hr. Labour to complete 500hr service and inspectin	5.00	120.00	10%	600.00
Labour to replace track pads	6.00	120.00	10%	720.00
Labour to replace exhaust manifold gaskets. Replace valve bank o rings. Fit washer motor. Tighten bolts. Wash engine and hydraulics.	5.00	120.00	10%	600.00
Engine oil	9.00	5.00	10%	45.00
Oil filer	1.00	26.63	10%	26.63
Fuel filter	1.00	42.94	10%	42.94
Outer air filter	1.00	40.12	10%	40.12
Inner air filter	1.00	33.63	10%	33.63
Cabin air filter	1.00	93.58	10%	93.58
SOS's	5.00	37.40	10%	187.00
Grease	1.00	17.42	10%	17.42
Environmental / Consumables	1.00	40.00	10%	40.00
Washer motor	1.00	20.29	10%	20.29
Exhaust manifold gaskets	1.00	43.41	10%	43.41
H3 Globe	1.00	6.37	10%	6.37
Track pads, nuts and washers	80.00	24.88	10%	1,990.40
Subtotal				4,506.79
TOTAL GST 10%				450.67
TOTAL AUD				4,957.46