



ARTICULATED DUMP TRUCK (MOXY) SERVICING SCHEDULE

Date:	<u>18.12.24</u>	Serial No:	<u>3F00281</u>
Unit Number:	<u>LR478</u>	Mechanic:	<u>Robert Arnsby</u>
Rego Number:	<u></u>	Mechanic:	<u></u>
Service Type:	<u>2,000</u>	Serviceman:	<u>Harrison</u>
Kilometres:	<u></u>	Operator:	<u></u>
Hours:	<u>5,961</u>	Spotter:	<u></u>
		Total Labour Hours:	<u>30.00</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

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

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
19	Check	The general driving characteristics of the articulated dump truck	X			RA
20	Check	For excessive exhaust smoke or abnormal noises / vibrations	X			RA
21	Test	Operation of automatic transmission kick down, lock-up & neutral inhibitor switch	X			RA
22	Inspect	Service brake operation / adjustment	X			RA

23	Check	Brake accumulator test (Apply & release service brake pedal and release the service brake pedal for a minimum of three applications, until alert indicator) if indicator doesn't illuminate refer to OEM Manual	X			RA
24	Check	Park brake operation (test on a 10° slope)	X			RA
25	Check	For brake drag	X			RA
26	Check	A" Frame frame bushes for movement	X			RA
27	Check	Oscillating movement & excess movement in pivot shaft of both tandems	X			RA
28	Check	Check for movement in both front and rear torque rod bushes	X			RA
29	Check	The suspension rubbers for cracking or deterioration	X			RA
30	Check	Tipper body pivot pins for movement	X			RA
31	Check	Body lift cylinders pins for movement	X			RA
32	Check	Tailgate pivot bearings for movement	X			RA
33	Check	Steering cylinder bearings for movement	X			RA
34	Check	All wheel bearings for movement	X			RA
35	Check	Using scan tool check for fault codes	X			RA
36	Check	DPF / DET Status & conduct a manual burn if required	X			RA

FRAME & BODY

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
37	Check	ROP's for security & integrity	X			RA
38	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	X			RA
39	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	X			RA
40	Check	Rear vision mirrors & brackets for condition & operation	X			RA
41	Inspect	Steering column mounting & universal joints for movement & grease penetration	X			RA
42	Check	Steps & handrails for security	X			RA
43	Check	Mudguards, mudflaps for condition & security	X			RA
44	Check	For metal fatigue in the tow hitch			X	RA
45	Inspect	All hydraulic hoses for signs of rubbing, leaks & deterioration	X			RA
46	Check / Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	X			RA
47	Inspect	All air lines, valves / fittings for air leaks & chaffing			X	RA
48	Inspect	All grease lines & fittings for damage / security & grease penetration	X			RA
49	Check	Automatic Greaser and fill up if required		X		RA
50	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	X			RA
51	Inspect	Tow hitch / pin	X			RA
52	Check	Ejector rollers for correct operation and movement in the bearings	X			RA
53	Check	Operation of door, pivot points wire rope	X			RA
54	Lubricate	Parking Brake	X			RA
55	Inspect	Oscillating Hitch (adjust) if necessary	X			RA
56	Check	Hazard warning / component location Decals	X			RA

UNDER BONNET / ENGINE BAY

No.	ACTION	CHECKS	S	US	N/A	Initial
57	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	X			RA
58	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	X			RA
59	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	X			RA
60	Inspect	Engine for oil leaks & damaged hoses	X			RA
61	Check	Engine mounts for wear & security	X			RA

62	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	X			RA
63	Check	Alternator pulley, mountings, bearings & idler pulleys	X			RA
64	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	X			RA
65	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	X			RA
66	Inspect	Fan blades for cracks, wear, damage & security	X			RA
67	Check	Radiator mountings, coolant leakage & air flow through radiator (Clean when required)	X			RA
68	Inspect	Coolant, heater hoses, clamps for condition, leaks & tension	X			RA
69	Inspect	Electrical harnesses / connections for damage & security	X			RA
70	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards	X			RA
71	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up	X			RA

POWER TRAIN & AXLES

No.	ACTION	CHECKS										S	US	N/A	Initial	
72	Inspect	Transmission & hydraulic pump pipes, hoses, clamps for tension & oil leaks										X			RA	
73	Inspect	Transmission & hydraulic pump mountings & security										X			RA	
74	Inspect	Transfer Case for leaks										X			RA	
75	Inspect	Transfer Case mounts for integrity and security										X			RA	
76	Inspect	Drive universal joints for movement & grease penetration										X			RA	
77	Inspect	Wheel rims for damage, cracks, missing or loose wheel nuts										X			RA	
78	Check	For oil leaks on pivot shafts & wheel ends, damage & cracks										X			RA	
79	Inspect	Tyres for damage, tread depth & pressure													RA	
80	Depth	P2:	29	mm	P4:	20	mm	P6:	23	mm		X			RA	
		P1:	26	mm	P3:	22	mm	P5:	33	mm						
81	Damage	P2:	Cracks			P4:	Cracks			P6:	Cracks			X		RA
		P1:	Minor			P3:	Minor			P5:	Minor					
82	Pressure	P2:	65	psi	P4:	65	psi	P6:	80	psi			X		RA	
		P1:	70	psi	P3:	70	psi	P5:	55	psi						

2000 / 2500 HOUR SERVICE

Check / Change & Adjust

No.	ACTION	CHECKS										S	US	N/A	Initial
83		Cylinder 1		Cylinder 2		Cylinder 3		Cylinder 4		Cylinder 5		Cylinder 6		RA	
	Intake	ADJ				ADJ		ADJ		ADJ				RA	
	Exhaust	ADJ		ADJ				ADJ				ADJ			
84	Measure	Brake Material Thickness													RA
		P2:			P4:			P6:							
		P1:			P3:			P5:							
85	Check	Glow Plugs for power & conduct a continuity test on each plug												X	RA
86	Check	Using a Coolant Test Strip & compare to chart, change if necessary										X			RA

EVERY 3 YEARS

87	Check	Replacement date seat belt	Last Installed Date:												
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LUBRICATION SCHEDULE

EVERY SERVICE

88	Lubricate		All grease points:				RA				
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250 Hour Service

89	SOS	Engine Oil:	HVW		
90	Change	Engine Oil:	HVW		
91	Change Filter	Engine Oil:	HVW		
500 Hour Service					
92	SOS	Hydraulic Oil:	RA	Transmission:	RA
		Torque Convertor:	RA	Transfer Case:	RA
		P1 Final Drive:	HVW	P2 Final Drive:	HVW
		P3 Final Drive:	HVW	P4 Final Drive:	HVW
		P5 Final Drive:	HVW	P6 Final Drive:	HVW
93	Change Filters	Engine Oil (Cut/Inspect):	RA	Outer Air Filter:	RA
		Inner Cab Filter:	RA	Outer Cab Filter:	RA
		Fuel / Water Separator:	HVW	Secondary Fuel:	HVW
		Hydraulic Tank Return:	HVW	Hydraulic Impl Control:	HVW
94	Inspect / Change	Secondary Air Filters:	RA	Signs of Dusting Y / N:	N
95	Inspect / Clean	Air Cleaner Dust Bowl:	RA	Fuel Tank Cap & Strainer:	RA
96	Inspect / Clean / Change	Engine Breather:	RA	Tandem Breathers:	RA
97	Check / Top up	Engine Oil:	RA	Transmission:	RA
		Hydraulic Oil:	RA	Transfer Case:	RA
		Coolant:	RA	Differential:	RA
1000 HOUR SERVICE					
98	SOS	Coolant:	RA	Hydraulic Oil:	RA
99	Change	Transmission Oil:	RA	Torque Convertor Oil:	RA
		Transfer Case Oil:	RA		RA
100	Change Filters	Transmission:	HVW	Hydraulic:	HVW
		Transfer Case:	HVW		
101	Inspect / Clean	Transmission screen:	RA	Torque Convertor Screen:	RA
102	Clean or Change	Transmission breather:	RA	Transfer Case Breather	RA
		All Differential Breathers:	RA	Hydraulic Tank Breather:	RA
2000 Hour Service					
103	Change	Differential Oil:	RA	Final Drive Oils:	RA
		Coolant (on SOS):	RA		
5000 Hour Service					
104	Change	ARD Spark Plug:	NA	Diesel Fluid Injector:	NA
		Exhaust Fluid Filter:	NA		
6000 Hour Service					
105	Change	Hydraulic Oil (on SOS):	RA		
AFTER EVERY SERVICE					
106	Check	All fluid levels & Correct Running operation of Grader			NA
DEFECTS / COMENTS & PARTS TO BE ORDERED					
17	Front washers are not working and the washer bottle is leaking				
49	Automatic Greaser is not working				
81	P2 has servere cracks in the side wall				
82	Adjusted tyre pressures to 70psi				

83	Conducted valve lash adjustment, injector height adjustment and jake brake adjustment
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MECHANIC	DATE	HOURS	MECHANIC	DATE	HOURS	TOTAL HOURS
Robert Arnsby	18.12.24	1	Harrison	18.12.24	3	4.00
Robert Arnsby	19.12.24	1.5	Harrison	19.12.24	3	4.50
Robert Arnsby	21.12.24	6	Harrison	21.12.24	5	11.00
Robert Arnsby	22.12.24	5.25	Harrison	22.12.24	5.25	10.50
						30.00

SERVIC 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.

Robert Arnsby

Name of Mechanic / Supervisor

22.12.24

Service Completion Date

R Arnsby

Mechanic / Supervisor Signature

Dump truck/Moxy

SERVICING SCHEDULE

Date: 21/08/2025
LR No: LR478
Rego: _____

VIN: CAT00740P37F700281
KMs/Hours: 6609
Service Type: 500hr

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	Fire extinguisher for safety ties, gauge in green, rotate a couple of times & tap bottom to release sediment	x			

RUNNING CHECKS

No.	ACTION	CHECKS	S	US	N/A	Initial
16	Connect	For excessive exhaust smoke or abnormal noises / vibrations	x			
17	Check	Operation of steering wheel (lock to lock), security of the column adjustor	x			
18	Check	Secondary steering system for operation	x			
19	Test	Operation of automatic transmission kick down, lock-up & neutral inhibitor switch	x			
20	Inspect	Service brake operation / adjustment	x			
21	Check	Park brake operation (test on a 10° slope)	x			
22	Check	For brake drag	x			
23	Check	Steering cylinder pins & bushes for excessive movement	x			
24	Inspect	Steering cylinders for damage to the chrome & for leaks	x			
25	Check	Brake accumulator test (apply & release service brake pedal and release the service brake pedal for a minimum of three applications, until alert indicator) if indicator doesn't illuminate refer to OEM Manual	x			
26	Check	Operation of ride control, bucket kick out & bucket auto level			x	

27	Check	Bucket pivot pins, Dog bone pins,& bushes for excessive movement & grease penetration			x	
28	Check	Bucket tilt, Loader lift frame cylinders pins & bushes for excessive move movement & grease penetration			x	
29	Check	Articulation Pins & Bushes for excessive movement & grease penetration	x			
30	Check	Cutting edges, edge cutters, goanna's & heel plates for excessive wear & security			x	
31	Check	Operation of Air Conditioner	x			
32	Check	Using a scan tool check for faults			x	
33	Check	DPF / DET Status & conduct manual burn if required			x	

FRAME & BODY

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
34	Check	Cab mounts, operation of cab tilt & locking mechanism	x			
35	Inspect	ROP's for security & integrity	x			
36	Check	Bonnet mounts, operation of bonnet tilt struts / locking mechanism	x			
37	Check	For external body damage / security of bonnet to main body, Check hinged doors / panels / sliding doors for correct operation & locking	x			
38	Check	Rear vision mirrors & brackets for condition & operation	x			
39	Inspect	Steering column mounting & universal joints for movement, SMU for leaks & grease penetration of Uni's	x			
40	Check	Steps & handrails for security	x			
41	Check	Mudguards, mudflaps for condition & security	x			
42	Check	For metal fatigue in chassis, cross members & tow hitch	x			
43	Inspect	All hydraulic hoses for signs of rubbing, leaks & deterioration	x			
44	Check / Clean	Battery box, mountings, signs of corrosion, terminal security & condition, cables & electrolyte levels	x			
45	Inspect	All air lines, valves / fittings for air leaks & chaffing	x			
46	Check	Brake master cylinders, slave cylinders for leaks & fluid level	x			
47	Inspect	All grease lines & fittings for damage / security & grease penetration	x			
48	Inspect	Electrical harness / junction boxes for chaffing & dust sealing	x			
49	Inspect	Tow hitch / pin	x			
50	Check	Hazard warning / component location Decals	x			

UNDER BONNET / ENGINE BAY

No.	ACTION	CHECKS	S	US	N/A	Initial
51	Inspect	Exhaust manifolds / covers, bolts, turbo, piping for any leaks & security	x			
52	Inspect / Tighten	Air induction boxes / hoses / piping / fittings for damage, clamps for tension & presence of dusting	x			
53	Inspect	Fuel pump / pipes / hoses / clamps, for leakage & movement	x			
54	Inspect	Engine for oil leaks & damaged hoses	x			
55	Check	Engine mounts for wear & security	x			
56	Check	Water pump "tell tail" for leakage or blockage & check bearing for movement	x			
57	Check	Alternator pulley, mountings, bearings & idler pulleys	x			
58	Inspect	Air Conditioner compressor pulley, mountings, hose connections for leakage & movement	x			
59	Inspect	Fan, alternator, air conditioner belts for cracking / unusual wear	x			
60	Inspect	Fan blades for cracks, wear, damage & security	x			
61	Check	Radiator mountings, coolant leakage & air flow through radiator (Clean when required)	x			
62	Inspect	Coolant, heater hoses, clamps for condition, leaks & tension	x			
63	Inspect	Electrical harnesses / connections for damage & security	x			

64	Inspect	Engine bay is free of combustible materials i.e. leaves, sticks & rags for prevention of fire hazards										x			
65	Clean	Vibration dampener, idler, A/C & alternator pulleys for dust build up										x			
POWER TRAIN & AXLES															
No.	ACTION	CHECKS										S	US	N/A	Initial
66	Inspect	Transmission & hydraulic pump pipes, hoses, clamps for tension & oil leaks										x			
67	Inspect	Transmission & hydraulic pump mountings & security										x			
68	Inspect	Universal joints / slip joints / centre bearings for movement & rubber deterioration, check for grease penetration										x			
69	Inspect	Differentials for oil leaks, excessive movement in input & output shafts										x			
70	Check	Trunions for excessive movement & grease penetration										x			
71	Inspect	Wheel rims for damage, cracks, missing or loose wheel nuts										x			
72	Inspect	Tyres for damage, tread depth & pressure													
	Depth	P1:		mm	P2:		mm	P3:		mm	P4:		mm		
	Damage	P1:			P2:			P3:			P4:			Adjusted To	
	Pressure	P1:		psi	P2:		psi	P3:		psi	P4:		psi		
73	Inspect	All grease lines for damage / security & grease penetration										x			
74	Inspect	Electrical harnesses / junction boxes for chaffing & dust sealing										x			
2000 / 2500 HOUR SERVICE															
Check / Change or Adjust															
No.	ACTION	CHECKS										S	US	N/A	Initial
75		Cylinder 1	Cylinder 2	Cylinder 3	Cylinder 4	Cylinder 5	Cylinder 6								
	Intake														
	Exhaust														
76	Check	Jack up & check wheel bearings, adjust or replace if necessary													
77	Measure	Service Brake Wear Indicator													
		P1:		mm	P2:		mm	P3:		mm	P4:				
78	Measure	Brake drums or Rotors													
		P1:		mm	P2:		mm	P3:		mm	P4:				
79	Measure	Brake linings or pads													
		P1:		mm	P2:		mm	P3:		mm	P4:				
80	Inspect	For worn, damaged or broken brake actuators / leaking wheel cylinders, broken springs or retaining clips										x			
81	Check	Glow Plugs for power & conduct a continuity test on each plug													x
82	Check	Using a Coolant Test Strip & compare to chart, change if necessary													x
LUBRICATION SCHEDULE															
EVERY SERVICE															
1	Lubricate	All grease points:										x			
250 HOUR SERVICE															
2	SOS	Engine Oil:										x			
500 Hour Service															
3	SOS	Hydraulic Oil:					x					Transmission:		x	
		Front Differential:					x					Rear Differential:		x	
		P1 Final Drive:					x					P2 Final Drive:		x	
3	SOS	P3 Final Drive:					x					P4 Final Drive:		x	
4	Change	Engine Oil:													
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:					x					Fuel Tank Strainer:			
8	Inspect / Clean / Change	Engine Breather:					x								

[illegible]

LR478

TAX INVOICE



ABN: 54 812 193 742

Tel: (08) 8953 6789

Email: service@reibar.com.au

Tax Invoice Number: RD90

Order Number: SF1682/7777

Date: 28/06/2024

Due Date: 05/07/2024

BILL TO:

Linct Group Pty Ltd

2-4 Purton Road

Pakenham Victoria 3810

ABN: 24 657 022 421

Tel: 03 5941 6244

Email: accounts@linctgroup.com.au

Account Number: Linctg01

FOR:

Repair and Reseal Ejector Cylinder

Odometer: 5,643.6 Hours

Model: Caterpillar 740EJ

VIN: 3F700281

Body Type: Ejector Truck

7777

35143



Description	Qty.	Unit Price	Amount
LBR - Labour (Remove & Install Cylinder 2 Fitters)	19.0	\$140.00	\$2,660.00
LBR - Labour (Disassemble, Inspect, Repair Rods, Reseal and Assemble)	84.0	\$140.00	\$11,760.00
Honing Consumables	2.0	\$13.80	\$27.60
Miscellaneous Consumables	5.0	\$16.73	\$83.65
Machining Materials	2.0	\$130.00	\$260.00
Hydraulic Oil 32	120.0	\$5.80	\$696.00
Waste Disposal	2.0	\$30.00	\$60.00
Degreaser - Degreaser 1L	4.0	\$10.43	\$41.72
OXY/ACET - OXY/ACET	2.0	\$55.61	\$111.22
Lance rod - 10mm X 505mm	25.0	\$9.00	\$225.00

- Wash down around center hitch to remove oil that has leaked out.
- The mounting pin was seized and had to be lanced out. This required one person to be lancing the pin out while another was acting as fire spotter and wetting down fire blankets to protect hydraulic lines, cabin and steering cylinders.
- Remove ejector cylinder from truck.
- Disassemble cylinder inspect and measure. On disassembling of the cylinder the clevis has to be removed which is threaded onto the rod. This has previously been installed with an excessive amount of high strength Loctite. The clevis had to be removed using heat and high torque slowly unwinding it to ensure no threads were damaged.
- Linish and hone rods/ barrels.
- Due to surface damage on two of the rods they were polished to repair the surface.
- Hone barrel sections of cylinder.
- Wash all parts post repair.
- Reseal and assemble cylinder.
- Install cylinder, fill up hydraulic system and test cylinder.
- Wash down machine from where oil has been leaking and post repairs.

Subtotal	\$15,925.19
GST	\$1,592.52
Total	\$17,517.71
Paid	\$0.00
Balance Due	\$17,517.71

Please make all payments to Reibar Diesel.

BSB: 084-034

Account: 94-022-3204

Please reference invoice number on payment and send copy of remittance to accounts@reibar.com.au

• Thank you for your business!