

250Hr Mechanical Inspection

Articulated Dump Truck - 740B Caterpillar

Initial Checked OK

N/A Not Applicable

Fault - See Comments

Refer to Maintenance Manual for specific machine requirements

Report ALL Non-Compliances to Supervisor

Date: 6/19/23	W/O No: 20229	SMU's: 11228
Plant Number: P1128	Rego No:	Location: RMD
Make: Cat	Model: 740	Serial No: B1P02467
Engine		
Oil Leaks/Level/Condition	Sight Glass Condition & Oil Level	✓
Fuel Leaks/Hoses	Suspension Cyl Height & Condition	✗
Cooling System/ Hoses/Clamps	Suspension Cyl Pins & Bushes	✓
Radiator - Condition/Cleanliness	Rear Axle Pivots & Support Links	✓
Engine Belts/Pulleys/Tensioners	Articulation Joint Wear	✓
Fan Drive/Fan/Mounting/Bolts	Oscillating Hitch for Adjustment	✓
Air Intake Filters/Hoses/Clamps	Chassis	
Exhaust System Leaks/Muffler	Guards & Panels for Condition	
Turbo Leaks/Mounting	Guards & Panels Retaining Bolts	
Engine Mounts/Rubbers/Bolts	Main Frame Cracks	
Vibration Damper	ROPS Structure & Mounts	
Powertrain		
Oil Leaks	Bonnet Hinge-Wear & Security	
Inspect Drive Shafts/Uni's	Access Steps & Ladders	
Drive Shaft Covers & Bolts	Covers, Locks & Hinges	
Final Drives Leaks	H&rails/Grab Rails/Kick Rails	
Brake Disc's & Pads	Inspect Towing & Recovery Points	
Brake Steel Lines & Hoses	Work Equipment	
Air System Leaks	Body for Wear & Condition	
Drain Air Tanks	Cracks in Body (Mountings)	
Wheel Nuts & Indicators	Pivot Pin's / Bushes	
Rims & Tyres for Condition	Under Body Wear Pads	
Tyre Pressures	Body to Chassis Pad Adjustment	
Hydraulics		
Sight Glass Condition & Oil Level	Body Up Safety Prop	
Hydraulic Tank Mounting & Leaks	Electrical	
Pumps Leaks, Mounting & Noise	Warning Lights/Gauges/Buzzers	✓
Hoses for Condition & Leaks	Dash Lights	✓
Pipes for Mounting & Leaks	Interior Light	✓
Valves for Leaks	Head/Brake/Tail Lights & Indicators	✓
Cylinders for Condition & Leaks	Reverse Camera Operation	✓
Cylinder Pins & Bushes for Wear	Reversing Lights & Alarm	✓
Oil Cooler for Mounting & Leaks	Flashing Light	✓
Inspect Accumulators	Horn	✓
	AM/FM Radio/2 Way Radio	✓
	Battery/Terminals/Cables	✓

Mechanical Inspection

Articulated Dump Truck

Checked OK	✓
Fault - See Comments	✗
Not Applicable	-

Every space is required to be filled in on this form.

Report ALL Non-Compliances to Supervisor

Refer to Maintenance Manual for machine specific requirements

Date: 30/03/22	W/O No: 16427	SMU's: 13249
Plant Number: P1128	Rego No:	Location: QAL RMD
Make: Cat	Model: 730	Serial No:
Engine		
Oil Leaks / Level / Condition	✓	Operators Seat / Suspension
Fuel Leaks / Hoses	✓	Seat Belt Condition and Function
Cooling System / Hoses / Clamps	✓	Cab Condition & Cleanliness
Radiator - Condition/Cleanliness	✓	Floor Mat / Hood Liner / Upholstery
Engine Belts / Pulleys / Tensioners	✓	Pedal Rubbers
Fan Drive / Fan / Mounting / Bolts	✓	Window / Door Operation
Air Intake Filters / Hoses / Clamps	✓	Glass/Washer/Wipers Condition
Exhaust System Leaks / Muffler	✓	Mirrors and Mountings
Turbo Leaks / Mounting	✓	Operational Checks
Engine Mounts / Rubbers / Bolts	✓	Body Hold / Neutral Start Function
Vibration Damper	✓	Isolator / Emergency Stop
Powertrain		
Oil Leaks	1. ✓	Air Conditioning Operation
Inspect Drive Shafts / Uni's	✓	Parking & Service Brake Function
Drive Shaft Covers and Bolts	✓	Brake Accumulator Check
Final Drives Leaks	✓	Steering Function
Brake Disc's and Pads	✓	Emergency Steering Function
Brake Steel Lines & Hoses	✓	Engine Low / High Idle
Air System Leaks	✓	Powertrain Function
Drain Air Tanks	✓	Hoist Function
Wheel Nuts and Indicators	✓	Grease System Operation
Rims & Tyres for Condition	✓	Safety & Miscellaneous Items
Tyre Pressures	✓	Fire Extinguishers / Suppression
Hydraulics		
Sight Glass Condition and Oil Level	✓	Grease Gun
Hydraulic Tank Mounting & Leaks	✓	Plant Prestart Book
Pumps Leaks, Mounting and Noise	✓	Plant Number/McCosker Logo
Hoses for Condition and Leaks	✓	Safety Decals
Pipes for Mounting and Leaks	✓	Operation & Maintenance Manual
Valves for Leaks	✓	Rego and Insurance Current Copies
Cylinders for Condition and Leaks	✓	Current Risk Assessment
Cylinder Pins & Bushes for Wear	2. X	Maintenance History
Oil Cooler for Mounting & Leaks	✓	Plant Damage
Inspect Accumulators	✓	Refuel if necessary (see supervisor)
Work Equipment		
Body for Wear and Condition	✓	
Cracks in Body (Mountings)	✓	
Pivot Pin's / Bushes	✓	
Under Body Wear Pads	✓	
Body to Chassis Pad Adjustment	✓	
Body Up Safety Prop	✓	
Electrical		
Warning Lights/Gauges/Buzzers	✓	
Dash Lights	✓	
Interior Light	✓	
Head/Brake/Tail Lights & Indicators	✓	
Reverse Camera Operation	✓	
Reversing Lights & Alarm	✓	
Flashing Light	✓	
Horn	✓	
AM/FM Radio	✓	
2 Way Radio	✓	
Battery/Terminals/Cables	✓	

Comments: (Describe non-compliant items in detail)

1. Fire extinguishers out of date 1-4-2022
 2. Leaking out of oil transference input seal. Hard change, need to reverse, neutral to 1st.
 3. LH & RH hub end bearing pins/bushes, 2-3mm wear implement/replace.
 4. Slip joint center drive shaft excessive movement & bush/bushes.

Inspectors Name

Print:

Sign:

Mechanical Inspection

Articulated Dump Truck

Checked OK	<input checked="" type="checkbox"/>
Fault - See Comments	<input checked="" type="checkbox"/>
Not Applicable	-

Every space is required to be filled in on this form.

Report ALL Non-Compliances to Supervisor

Refer to Maintenance Manual for machine specific requirements

Date: 5/10/21	W/O No: 15361	SMU's: 974541S			
Plant Number: P1128	Rego No: N/A	Location: RMD			
Make: CAT	Model: 740	Serial No: 61P02467			
Engine	Steering and Suspension	Operators Cabin			
Oil Leaks / Level / Condition	<input checked="" type="checkbox"/>	Sight Glass Condition and Oil Level	<input checked="" type="checkbox"/>	Operators Seat / Suspension	<input checked="" type="checkbox"/>
Fuel Leaks / Hoses	<input checked="" type="checkbox"/>	Suspension Cyl Height & Condition	<input checked="" type="checkbox"/>	Seat Belt Condition and Function	<input checked="" type="checkbox"/>
Cooling System / Hoses / Clamps	<input checked="" type="checkbox"/>	Suspension Cyl Pins and Bushes	<input checked="" type="checkbox"/>	Cab Condition & Cleanliness	<input checked="" type="checkbox"/>
Radiator - Condition/Cleanliness	<input checked="" type="checkbox"/>	Rear Axle Pivots and Support Links	<input checked="" type="checkbox"/>	Floor Mat / Hood Liner / Upholstery	<input checked="" type="checkbox"/>
Engine Belts / Pulleys / Tensioners	<input checked="" type="checkbox"/>	Articulation Joint Wear	<input checked="" type="checkbox"/>	Pedal Rubbers	<input checked="" type="checkbox"/>
Fan Drive / Fan / Mounting / Bolts	<input checked="" type="checkbox"/>	Oscillating Hitch for Adjustment	<input checked="" type="checkbox"/>	Window / Door Operation	<input checked="" type="checkbox"/>
Air Intake Filters / Hoses / Clamps	<input checked="" type="checkbox"/>	Chassis		Glass/Washer/Wipers Condition	<input checked="" type="checkbox"/>
Exhaust System Leaks / Muffler	<input checked="" type="checkbox"/>	Guards and Panels for Condition	<input checked="" type="checkbox"/>	Mirrors and Mountings	<input checked="" type="checkbox"/>
Turbo Leaks / Mounting	<input checked="" type="checkbox"/>	Guards and Panels Retaining Bolts	<input checked="" type="checkbox"/>	Operational Checks	
Engine Mounts / Rubbers / Bolts	<input checked="" type="checkbox"/>	Main Frame Cracks	<input checked="" type="checkbox"/>	Body Hold / Neutral Start Function	<input checked="" type="checkbox"/>
Vibration Damper	<input checked="" type="checkbox"/>	ROPS Structure and Mounts	<input checked="" type="checkbox"/>	Isolator / Emergency Stop	<input checked="" type="checkbox"/>
Powertrain		Bonnet Hinge for Wear & Security	<input checked="" type="checkbox"/>	Air Conditioning Operation	<input checked="" type="checkbox"/>
Oil Leaks	<input checked="" type="checkbox"/>	Access Steps and Ladders	<input checked="" type="checkbox"/>	Parking & Service Brake Function	<input checked="" type="checkbox"/>
Inspect Drive Shafts / Uni's	<input checked="" type="checkbox"/>	Covers, Locks and Hinges	<input checked="" type="checkbox"/>	Brake Accumulator Check	<input checked="" type="checkbox"/>
Drive Shaft Covers and Bolts	<input checked="" type="checkbox"/>	Handrails/Grab Rails/Kick Rails	<input checked="" type="checkbox"/>	Steering Function	<input checked="" type="checkbox"/>
Final Drives Leaks	<input checked="" type="checkbox"/>	Work Equipment		Emergency Steering Function	<input checked="" type="checkbox"/>
Brake Disc's and Pads	<input checked="" type="checkbox"/>	Body for Wear and Condition	<input checked="" type="checkbox"/>	Engine Low / High Idle	<input checked="" type="checkbox"/>
Brake Steel Lines & Hoses	<input checked="" type="checkbox"/>	Cracks in Body (Mountings)	<input checked="" type="checkbox"/>	Powertrain Function	<input checked="" type="checkbox"/>
Air System Leaks	<input checked="" type="checkbox"/>	Pivot Pin's / Bushes	<input checked="" type="checkbox"/>	Hoist Function	<input checked="" type="checkbox"/>
Drain Air Tanks	<input checked="" type="checkbox"/>	Under Body Wear Pads	<input checked="" type="checkbox"/>	Grease System Operation	<input checked="" type="checkbox"/>
Wheel Nuts and Indicators	<input checked="" type="checkbox"/>	Body to Chassis Pad Adjustment	<input checked="" type="checkbox"/>	Safety & Miscellaneous Items	
Rims & Tyres for Condition	<input checked="" type="checkbox"/>	Body Up Safety Prop	<input checked="" type="checkbox"/>	Fire Extinguishers / Suppression	<input checked="" type="checkbox"/>
Tyre Pressures	<input checked="" type="checkbox"/>	Electrical		Grease Gun	<input checked="" type="checkbox"/>
Hydraulics		Warning Lights/Gauges/Buzzers	<input checked="" type="checkbox"/>	Plant Prestart Book	<input checked="" type="checkbox"/>
Sight Glass Condition and Oil Level	<input checked="" type="checkbox"/>	Dash Lights	<input checked="" type="checkbox"/>	Plant Number/McCosker Logo	<input checked="" type="checkbox"/>
Hydraulic Tank Mounting & Leaks	<input checked="" type="checkbox"/>	Interior Light	<input checked="" type="checkbox"/>	Safety Decals	<input checked="" type="checkbox"/>
Pumps Leaks, Mounting and Noise	<input checked="" type="checkbox"/>	Head/Brake/Tail Lights & Indicators	<input checked="" type="checkbox"/>	Operation & Maintenance Manual	<input checked="" type="checkbox"/>
Hoses for Condition and Leaks	<input checked="" type="checkbox"/>	Reverse Camera Operation	<input checked="" type="checkbox"/>	Rego and Insurance Current Copies	<input checked="" type="checkbox"/>
Pipes for Mounting and Leaks	<input checked="" type="checkbox"/>	Reversing Lights & Alarm	<input checked="" type="checkbox"/>	Current Risk Assessment	<input checked="" type="checkbox"/>
Valves for Leaks	<input checked="" type="checkbox"/>	Flashing Light	<input checked="" type="checkbox"/>	Maintenance History	<input checked="" type="checkbox"/>
Cylinders for Condition and Leaks	<input checked="" type="checkbox"/>	Horn	<input checked="" type="checkbox"/>	Plant Damage	<input checked="" type="checkbox"/>
Cylinder Pins & Bushes for Wear	<input checked="" type="checkbox"/>	AM/FM Radio	<input checked="" type="checkbox"/>	Refuel if necessary (see supervisor)	<input checked="" type="checkbox"/>
Oil Cooler for Mounting & Leaks	<input checked="" type="checkbox"/>	2 Way Radio	<input checked="" type="checkbox"/>		
Inspect Accumulators	<input checked="" type="checkbox"/>	Battery/Terminals/Cables	<input checked="" type="checkbox"/>		

Comments: (Describe non-compliant items in detail)

TOP HEAD LIGHT REFLECTORS/MIRRORS DULL AND BLACK.

R/H TOP HEADLIGHT OUT.

EXHAUST FLEX LEAKING

NO 1+2 EXHAUST GASKETS LEAKING UNDERNEATH.

Inspectors Name

Print:

Sign:

Service Sheet

Caterpillar Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

<input checked="" type="checkbox"/>	250hr/750hr Service	(Items 1-13)
<input type="checkbox"/>	500hr Service	(Items 1-19)
<input type="checkbox"/>	1000hr Service	(Items 1-25)
<input type="checkbox"/>	2000hr Service	(Items 1-31)

Please complete all details

Date: 30/03 /	W/O No: 16427	SMU's: 10249
Plant Number: P1128	Rego No:	Location:
Make: Cat	Model: 730	Serial No:

250/750 Hour Service Schedule

1	Isolate, & tag out machine	AE
2	Take oil samples (Engine)	AE
3	Change engine oil & filters	AE
4	Replace primary fuel filter (fuel/water separator)	AE
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	AE
6	Inspect/Clean/Change operators cab air filters	AE
7	Drain air tanks	AE
8	Check fluid levels (Coolant, Hoist/Brake, Steer, Transmission, Transfer Gear)	AE
9	Clean batteries, check electrolyte level, clean & protect terminals	AE
10	Check engine drive belts for condition & tension (e.g. Alt, A/C, Fan Drive)	AE
11	Ensure all grease points are accepting grease (Steering, Suspension, Hitch, Body Pivot, Hoist Cyl)	AE
12	Manually grease the fan drive and drive shafts	BP

500 Hour Service Schedule

13	Take oil samples (Hoist/Brake, Steering, Transmission, Transfer Gear, Axles, Final Drives)	
14	Check fluid levels (Axles, Final Drives)	
15	Replace secondary fuel filters	
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	
17	Replace oil filters (Torque Converter - Transmission)	
18	Inspect/Clean/Change Breathers (Engine Crankcase, Transmission, Transfer Gear, Axles)	
19	Clean radiator & hydraulic oil cooler	

1000 Hour Service Schedule

20	Change inner engine air filter	
21	Change oil filters (Hoist/Brake, Steering, Transfer Gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

2000 Hour Service Schedule

26	Change oils (Hoist & Brake System, Steering, Axles, Final Drives)	
27	Change brake control valve damper oil and replace breather	
28	Purge brake system air	
29	Replace Air Drier Desiccant	
30	Check engine valve lash	
31	Change radiator coolant on Sample	

Service Sheet

Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

<input checked="" type="checkbox"/>	250hr/750hr Service	(Items 1-13)
<input type="checkbox"/>	500hr Service	(Items 1-19)
<input type="checkbox"/>	1000hr Service	(Items 1-25)
<input type="checkbox"/>	2000hr Service	(Items 1-31)

Please complete all details

Date: <u>5/10/21</u>	W/O No: <u>15361</u>	SMU's: <u>9745 Hrs</u>
Plant Number: <u>P1128</u>	Rego No: <u>NIA</u>	Location: <u>RMO</u>
Make: <u>CAT</u>	Model: <u>740</u>	Serial No: <u>B1P02467</u>

250/750 Hour Service Schedule

1	Isolate, & tag out machine	✓
2	Take oil samples (Engine)	✓
3	Change engine oil & filters	✓
4	Replace primary fuel filter (fuel/water separator)	✓
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	✓
6	Inspect/Clean/Change operators cab air filters	✓
7	Drain air tanks	N/A
8	Check fluid levels (Coolant, Hoist/Brake, Steer, Transmission, Transfer Gear)	✓
9	Clean batteries, check electrolyte level, clean & protect terminals	✓
10	Check engine drive belts for condition & tension (e.g. Alt, A/C, Fan Drive)	✓
11	Ensure all grease points are accepting grease (Steering, Suspension, Hitch, Body Pivot, Hoist Cyl)	✓
12	Manually grease the fan drive and drive shafts	✓

500 Hour Service Schedule

13	Take oil samples (Hoist/Brake, Steering, Transmission, Transfer Gear, Axles, Final Drives)	
14	Check fluid levels (Axles, Final Drives)	
15	Replace secondary fuel filters	
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	
17	Replace oil filters (Torque Converter - Transmission)	
18	Inspect/Clean/Change Breathers (Engine Crankcase, Transmission, Transfer Gear, Axles)	
19	Clean radiator & hydraulic oil cooler	

1000 Hour Service Schedule

20	Change inner engine air filter	
21	Change oil filters (Hoist/Brake, Steering, Transfer Gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

2000 Hour Service Schedule

26	Change oils (Hoist & Brake System, Steering, Axles, Final Drives)	
27	Change brake control valve damper oil and replace breather	
28	Purge brake system air	
29	Replace Air Drier Desiccant	
30	Check engine valve lash	
31	Change radiator coolant on Sample	

Inspectors Name

Print.

Sign: 

Mechanical Inspection

Articulated Dump Truck

Checked OK	✓
Fault - See Comments	✗
Not Applicable	-

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Report ALL Non-Compliances to Supervisor

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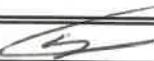
Date: 13 / 11 / 21	W/O No: 15782	SMU's: 9976
Plant Number: P1118	Rego No:	Location:
Make: CAT	Model: 740	Serial No:
Engine	Steering and Suspension	Operators Cabin
Oil Leaks / Level / Condition	Sight Glass Condition and Oil Level	Operators Seat / Suspension
Fuel Leaks / Hoses	Suspension Cyl Height & Condition	Seat Belt Condition and Function
Cooling System / Hoses / Clamps	Suspension Cyl Pins and Bushes	Cab Condition & Cleanliness
Radiator - Condition/Cleanliness	Rear Axle Pivots and Support Links	Floor Mat / Hood Liner / Upholstery
Engine Belts / Pulleys / Tensioners	Articulation Joint Wear	Pedal Rubbers
Fan Drive / Fan / Mounting / Bolts	Oscillating Hitch for Adjustment	Window / Door Operation
Air Intake Filters / Hoses / Clamps	Chassis	Glass/Washer/Wipers Condition
Exhaust System Leaks / Muffler	Guards and Panels for Condition	Mirrors and Mountings
Turbo Leaks / Mounting	Guards and Panels Retaining Bolts	Operational Checks
Engine Mounts / Rubbers / Bolts	Main Frame Cracks	Body Hold / Neutral Start Function
Vibration Damper	ROPS Structure and Mounts	Isolator / Emergency Stop
Powertrain	Bonnet Hinge for Wear & Security	Air Conditioning Operation
Oil Leaks	Access Steps and Ladders	Parking & Service Brake Function
Inspect Drive Shafts / Uni's	Covers, Locks and Hinges	Brake Accumulator Check
Drive Shaft Covers and Bolts	Handrails/Grab Rails/Kick Rails	Steering Function
Final Drives Leaks	Work Equipment	Emergency Steering Function
Brake Disc's and Pads	Body for Wear and Condition	Engine Low / High Idle
Brake Steel Lines & Hoses	Cracks in Body (Mountings)	Powertrain Function
Air System Leaks	Pivot Pin's / Bushes	Hoist Function
Drain Air Tanks	Under Body Wear Pads	Grease System Operation
Wheel Nuts and Indicators	Body to Chassis Pad Adjustment	Safety & Miscellaneous Items
Rims & Tyres for Condition	Body Up Safety Prop	Fire Extinguishers / Suppression
Tyre Pressures	Electrical	Grease Gun
Hydraulics	Warning Lights/Gauges/Buzzers	Plant Prestart Book
Sight Glass Condition and Oil Level	Dash Lights	Plant Number/McCosker Logo
Hydraulic Tank Mounting & Leaks	Interior Light	Safety Decals
Pumps Leaks, Mounting and Noise	Head/Brake/Tail Lights & Indicators	Operation & Maintenance Manual
Hoses for Condition and Leaks	Reverse Camera Operation	Rego and Insurance Current Copies
Pipes for Mounting and Leaks	Reversing Lights & Alarm	Current Risk Assessment
Valves for Leaks	Flashing Light	Maintenance History
Cylinders for Condition and Leaks	Horn	Plant Damage
Cylinder Pins & Bushes for Wear	AM/FM Radio	Refuel if necessary (see supervisor)
Oil Cooler for Mounting & Leaks	2 Way Radio	
Inspect Accumulators	Battery/Terminals/Cables	

Comments: (Describe non-compliant items in detail)

TYRES are cracked bad.
Missing latch on A/C Filter Door

Inspectors Name

Print:

Sign: 

Additional Comments: (Describe non-compliant items in detail) Brake Pressure testing.

Remove paneling for easy access.

Make up test fittings as there is no test ports on machine.

Carry out accumulator pressure checks

Carry out Brake lines pressure checks.

Carry out Park Brake pressure checks.

Carry out Brake Purge.

Re-fit all guards.

Top up Struts to spec height.

Inspectors Name

Print:

Sign:

Service Sheet

Caterpillar Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

250hr/750hr Service	(Items 1-13)
500hr Service	(Items 1-19)
1000hr Service	(Items 1-25)
2000hr Service	(Items 1-31)

Please complete all details

Date: 13 / 12 / 21	W/O No: 15732	SMU's: 9976
Plant Number: P 1128	Rego No:	Location:
Make: CAT	Model: 740	Serial No:

250/750 Hour Service Schedule

1	Isolate, & tag out machine	✓
2	Take oil samples (Engine)	✓
3	Change engine oil & filters	✓
4	Replace primary fuel filter (fuel/water separator)	✓
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	✓
6	Inspect/Clean/Change operators cab air filters	✓
7	Drain air tanks	N/A
8	Check fluid levels (Coolant, Hoist/Brake, Steer, Transmission, Transfer Gear)	✓
9	Clean batteries, check electrolyte level, clean & protect terminals	✓
10	Check engine drive belts for condition & tension (e.g. Alt, A/C, Fan Drive)	✓
11	Ensure all grease points are accepting grease (Steering, Suspension, Hitch, Body Pivot, Hoist Cyl)	✓
12	Manually grease the fan drive and drive shafts	✓

500 Hour Service Schedule

13	Take oil samples (Hoist/Brake, Steering, Transmission, Transfer Gear, Axles, Final Drives)	✓
14	Check fluid levels (Axles, Final Drives)	✓
15	Replace secondary fuel filters	✓
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	✓
17	Replace oil filters (Torque Converter - Transmission)	✓
18	Inspect/Clean/Change Breathers (Engine Crankcase, Transmission, Transfer Gear, Axles)	✓
19	Clean radiator & hydraulic oil cooler	✓

1000 Hour Service Schedule

20	Change inner engine air filter	✓
21	Change oil filters (Hoist/Brake, Steering, Transfer Gear)	✓
22	Change transmission oil	✓
23	Change transfer gear oil	✓
24	Inspect and clean transmission and converter screens	✓
25	Adjust clearance at oscillating hitch	✓

2000 Hour Service Schedule

26	Change oils (Hoist & Brake System, Steering, Axles, Final Drives)	✓
27	Change brake control valve damper oil and replace breather	✓
28	Purge brake system air	JP N/A
29	Replace Air Drier Desiccant	N/A
30	Check engine valve lash	No turn over foot.
31	Change radiator coolant on Sample	✓

Comments: Metal in trans screen small amount
 Pos 3, 4, 5, 6 in bad condition, cracks, split.
 R/H Park light Blown — Fixed
 Monitor steering pins, minor wear
 Panel clip missing on cab filter Door
 Coolant hose under cab old, needs Replacing
 Torque converter seal weeping.
 Pos 1 and Pos 2 Struts low ~ top up to spec

valve set complete
 Injector height complete
 Exhaust brake complete.

Inspector	Print:	Sign: 13/12/21
Inspector	Print:	Sign:
Supervisor	Print:	Sign:

Brake & Accumulator Checks

Brake Operational Check
(As per Media No UENR0210-05)

Service Brake Static Test
Parking Brake Static Test

Initial Check

Final Check

Spec

Value	1460	rpm	
Value	1600	rpm	

Do Not Test Past Required Value

1400
1100

Carry out Accumulator Precharge Checks @ 500Hr Intervals. (500,1000,2000)

(As per Media No UENR0210-05)

Inspect accumulators for condition
Service Brake Accumulator Front
Service Brake Accumulator Rear
Park Brake Accumulator

Initials	DS
Value	850
Value	832
Value	1746

psi	
psi	
psi	
psi	

820 +/- 22
820 +/- 22
1390 +/- 25

Comments: (Describe non-compliant items in detail)

Steel Not Primary card pump Not fitting steel through
Rubber block suspension split in two, have one in each shop
Left shunt port leaked gas out before

Inspector Name:	Print:	Sign:
Inspector Name:	Print:	Sign:
Supervisor Name:	Print	Sign:

250Hr Mechanical Inspection 740B Articulated Dump Truck

Checked OK	✓
Fault - See Comments	✗
Not Applicable	-

Every space is required to be filled in on this form.

Report ALL Non-Compliances to Supervisor

Refer to Maintenance Manual for machine specific requirements

Date: 25/10/22	W/O No: 17949	SMU's: 10 73816s				
Plant Number: P1128	Rego No: N/A	Location: RmD				
Make: CAT	Model: 740B	Serial No: B1P02467				
Engine						
Steering and Suspension						
Oil Leaks / Level / Condition	✓	Sight Glass Condition and Oil Level	✓	Operators Cabin		
Fuel Leaks / Hoses	✓	Suspension Cyl Height & Condition	✓	Operators Seat / Suspension	✓	
Cooling System / Hoses / Clamps	✓	Suspension Cyl Pins and Bushes	✗	Seat Belt Condition and Function	✓	
Radiator - Condition/Cleanliness	✓	Rear Axle Pivots and Support Links	✗	Cab Condition & Cleanliness	✓	
Engine Belts / Pulleys / Tensioners	✓	Articulation Joint Wear	✓	Floor Mat / Hood Liner / Upholstery	✓	
Fan Drive / Fan / Mounting / Bolts	✓	Oscillating Hitch for Adjustment	✓	Pedal Rubbers	✓	
Air Intake Filters / Hoses / Clamps	✓	Chassis	✓	Window / Door Operation	✓	
Exhaust System Leaks / Muffler	✓	Guards and Panels for Condition	✓	Glass/Washer/Wipers Condition	✓	
Turbo Leaks / Mounting	✓	Guards and Panels Retaining Bolts	✓	Mirrors and Mountings	✓	
Engine Mounts / Rubbers / Bolts	✓	Main Frame Cracks	✓	Operational Checks		
Vibration Damper	✓	ROPS Structure and Mounts	✓	Body Hold / Neutral Start Function	✓	
Powertrain			Bonnet Hinge for Wear & Security	✓	Isolator / Emergency Stop	✓
Oil Leaks	✓	Access Steps and Ladders	✓	Air Conditioning Operation	✓	
Inspect Drive Shafts / Uni's	✓	Covers, Locks and Hinges	✓	Park & Service Brake Test (page 2)	✓	
Drive Shaft Covers and Bolts	✓	Handrails/Grab Rails/Kick Rails	✓	Brake Accumulator Check (page 2)	✓	
Final Drives Leaks	✓	Inspect Towing & Recovery Points	✓	Steering Function	✓	
Brake Disc's and Pads	✓	Work Equipment			Emergency Steering Function	✓
Brake Steel Lines & Hoses	✓	Body for Wear and Condition	✓	Engine Low / High Idle	✓	
Air System Leaks	N/A	Cracks in Body (Mountings)	✓	Powertrain Function	✓	
Drain Air Tanks	N/A	Pivot Pin's / Bushes	✓	Hoist Function	✓	
Wheel Nuts and Indicators	✓	Under Body Wear Pads	✓	Grease System Operation	✓	
Rims & Tyres for Condition	✓	Body to Chassis Pad Adjustment	✓	Safety & Miscellaneous Items		
Tyre Pressures	✓	Body Up Safety Prop	✓	Fire Extinguishers / Suppression	✓	
Hydraulics			Electrical	Grease Gun	N/A	
Sight Glass Condition and Oil Level	✓	Warning Lights/Gauges/Buzzers	✓	Plant Prestart Book	✓	
Hydraulic Tank Mounting & Leaks	✓	Dash Lights	✓	Plant Number/McCosker Logo	N/A	
Pumps Leaks, Mounting and Noise	✓	Interior Light	✓	Safety Decals	✓	
Hoses for Condition and Leaks	✓	Head/Brake/Tail Lights & Indicators	✓	Operation & Maintenance Manual	✓	
Pipes for Mounting and Leaks	✓	Reverse Camera Operation	✓	Rego and Insurance Current Copies	N/A	
Valves for Leaks	✓	Reversing Lights & Alarm	✓	Current Risk Assessment	✓	
Cylinders for Condition and Leaks	✓	Flashing Light	✓	Maintenance History	✓	
Cylinder Pins & Bushes for Wear	✓	Horn	✓	Plant Damage	N/A	
Oil Cooler for Mounting & Leaks	✓	AM/FM Radio / 2 Way Radio	✓	Refuel if necessary (see supervisor)	✓	
Inspect Accumulators	✓	Battery/Terminals/Cables	✓			

* Screen faded and can't read

Brake and Accumulator Checks:

Brake Operational Check

(As per Media No UENR0210-05)

Service Brake Static Test

Parking Brake Static Test

Initial Check

Final Check

Spec

Value

rpm

1400

Value

rpm

1100

Do Not Test Past Required Value

Carry out Accumulator Precharge Checks @ 500Hr Intervals. (500,1000,2000)

(As per Media No UENR0210-05)

Inspect accumulators for condition

Service Brake Accumulator Front

Service Brake Accumulator Rear

Park Brake Accumulator

Initials

Value

Value

Value

psi

psi

psi

820 +/- 22

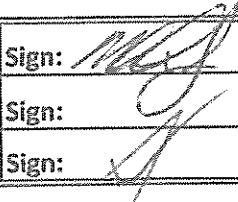
820 +/- 22

1390 +/- 25

Additional Comments: (Describe non-compliant items in detail)

A- FRAME BEARING(REAR) U/S. - Replaced.

None To Do Part Req.

Inspector	Print: 	Sign: 
Inspector	Print: 	Sign: 
Supervisor	Print: 	Sign: 

Service Sheet

Articulated Dump Truck - Caterpillar

- (Items 1-12)
- (Items 1-19)
- (Items 1-25)
- (Items 1-32)

<input checked="" type="checkbox"/>	250hr/750hr Service
<input type="checkbox"/>	500hr Service
<input type="checkbox"/>	1000hr Service
<input type="checkbox"/>	2000hr Service

Initial	Checked OK
<input checked="" type="checkbox"/>	Fault - See Comments
N/A	Not Applicable

Refer to Maintenance Manual for specific machine requirements

Date: 6/9/123	W/O No: 20229	SMU's: 11228
Plant Number: P11228	Rego No:	Location: RWD
Make: Cat	Model: 740	Serial No: B2P02467

250/750 Hour Service Schedule

1	Isolate & tag out machine	AS
2	Take oil samples (engine)	AS
3	Change engine oil & filters (cut & inspect filter - comment required)	Read Clean
4	Replace primary fuel filter (fuel/water separator)	AS
5	Replace outer engine air filter (Inspect secondary element for condition)	AS
6	Inspect/clean/change operators cab air filters	AS
7	Drain air tanks	AS
8	Check fluid levels (coolant, hoist/brake, steer, transmission, transfer gear)	AS
9	Clean batteries, check electrolyte level, clean & protect terminals	AS
10	Check engine drive belts for condition & tension (eg. Alt, A/C, fan drive)	AS
11	Ensure all grease points are accepting grease (steering, suspension, hitch, body pivot, hoist cyl)	AS
12	Manually grease the fan drive and drive shafts	AS

500 Hour Service Schedule

13	Take oil samples (hoist/brake, steering, transmission, transfer gear, axles, final drives)	
14	Check fluid levels (axles, final drives)	
15	Replace secondary fuel filters	
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	
17	Replace oil filters (torque converter - transmission)	
18	Inspect/clean/change breathers (engine crankcase, transmission, transfer gear, axles)	
19	Clean radiator & hydraulic oil cooler	

1000 Hour Service Schedule

20	Change inner engine air filter	
21	Change oil filters (hoist/brake, steering, transfer gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

2000 Hour Service Schedule

26	Change oils (hoist & brake system, steering, axles, final drives)
27	Change brake control valve damper oil and replace breather
28	Purge brake system air
29	Replace air drier desiccant
30	Check engine valve lash
31	Change radiator coolant (discuss with Supervisor)
32	Take coolant sample if not replaced

Comments: (Report ALL Non-Compliances to Supervisor)

Inspectors Name	Print:	Sign: 
Inspectors Name	Print:	Sign: 
Supervisors Name	Print:	Sign: 

Service Sheet

Caterpillar Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

<input checked="" type="checkbox"/>	250hr/750hr Service	(Items 1-13)
<input type="checkbox"/>	500hr Service	(Items 1-19)
<input type="checkbox"/>	1000hr Service	(Items 1-25)
<input type="checkbox"/>	2000hr Service	(Items 1-31)

Please complete all details

Date: 25/10/22	W/O No: 17949	SMU's: 10738 Hrs
Plant Number: P1128	Rego No: N/A	Location: RMD
Make: CAT	Model: 740B	Serial No: B1P02467

250/750 Hour Service Schedule

1	Isolate, & tag out machine	ML
2	Take oil samples (Engine)	ML
3	Change engine oil & filters	ML
4	Replace primary fuel filter (fuel/water separator)	ML
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	ML
6	Inspect/Clean/Change operators cab air filters	ML
7	Drain air tanks	N/A
8	Check fluid levels (Coolant, Hoist/Brake, Steer, Transmission, Transfer Gear)	ML
9	Clean batteries, check electrolyte level, clean & protect terminals	ML
10	Check engine drive belts for condition & tension (e.g. Alt, A/C, Fan Drive)	ML
11	Ensure all grease points are accepting grease (Steering, Suspension, Hitch, Body Pivot, Hoist Cyl)	ML
12	Manually grease the fan drive and drive shafts	ML

500 Hour Service Schedule

13	Take oil samples (Hoist/Brake, Steering, Transmission, Transfer Gear, Axles, Final Drives)	
14	Check fluid levels (Axles, Final Drives)	
15	Replace secondary fuel filters	
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	
17	Replace oil filters (Torque Converter - Transmission)	
18	Inspect/Clean/Change Breathers (Engine Crankcase, Transmission, Transfer Gear, Axles)	
19	Clean radiator & hydraulic oil cooler	

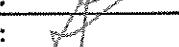
1000 Hour Service Schedule

20	Change inner engine air filter	
21	Change oil filters (Hoist/Brake, Steering, Transfer Gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

2000 Hour Service Schedule

26	Change oils (Hoist & Brake System, Steering, Axles, Final Drives)	
27	Change brake control valve damper oil and replace breather	
28	Purge brake system air	
29	Replace Air Drier Desiccant	
30	Check engine valve lash	
31	Change radiator coolant on Sample	

Comments:

Comments:			
Inspector	Print:	Sign:	
Inspector	Print:	Sign:	
Supervisor	Print:	Sign:	

Inspector

Print:

Signs

Inspector

Print:

Signature

Supervisor

Print:

Sign:

Mechanical Inspection Articulated Dump Truck

Checked OK	✓
Fault - See Comments	✗
Not Applicable	-

Every space is required to be filled in on this form.

Report ALL Non-Compliances to Supervisor

Refer to Maintenance Manual for machine specific requirements

Date: 14 / 6 /2022	W/O No:	SMU's: 10 492 1170
Plant Number: P1128.	Rego No:	Location: RDA.
Make: CAT	Model: 740.	Serial No:
Engine	Steering and Suspension	Operators Cabin
Oil Leaks / Level / Condition	✓ Sight Glass Condition and Oil Level	✓ Operators Seat / Suspension
Fuel Leaks / Hoses	✓ Suspension Cyl Height & Condition	✓ Seat Belt Condition and Function
Cooling System / Hoses / Clamps	✓ Suspension Cyl Pins and Bushes	✓ Cab Condition & Cleanliness
Radiator - Condition/Cleanliness	✓ Rear Axle Pivots and Support Links	✓ Floor Mat / Hood Liner / Upholstery
Engine Belts / Pulleys / Tensioners	✓ Articulation Joint Wear	✓ Pedal Rubbers
Fan Drive / Fan / Mounting / Bolts	✓ Oscillating Hitch for Adjustment	✓ Window / Door Operation
Air Intake Filters / Hoses / Clamps	✓ Chassis	✓ Glass/Washer/Wipers Condition
Exhaust System Leaks / Muffler	✓ Guards and Panels for Condition	✓ Mirrors and Mountings
Turbo Leaks / Mounting	✓ Guards and Panels Retaining Bolts	Operational Checks
Engine Mounts / Rubbers / Bolts	✓ Main Frame Cracks	✓ Body Hold / Neutral Start Function
Vibration Damper	✓ ROPS Structure and Mounts	✓ Isolator / Emergency Stop
Powertrain	✓ Bonnet Hinge for Wear & Security	✓ Air Conditioning Operation
Oil Leaks	✓ Access Steps and Ladders	✓ Parking & Service Brake Function
Inspect Drive Shafts / Uni's	✓ Covers, Locks and Hinges	✓ Brake Accumulator Check
Drive Shaft Covers and Bolts	✓ Handrails/Grab Rails/Kick Rails	✓ Steering Function
Final Drives Leaks	Work Equipment	✓ Emergency Steering Function
Brake Disc's and Pads	✓ Body for Wear and Condition	✓ Engine Low / High Idle
Brake Steel Lines & Hoses	✓ Cracks in Body (Mountings)	✓ Powertrain Function
Air System Leaks	✓ Pivot Pin's / Bushes	✓ Hoist Function
Drain Air Tanks	✓ Under Body Wear Pads	✓ Grease System Operation
Wheel Nuts and Indicators	✓ Body to Chassis Pad Adjustment	Safety & Miscellaneous Items
Rims & Tyres for Condition	✓ Body Up Safety Prop	✓ Fire Extinguishers / Suppression
Tyre Pressures OLEANS	Electrical	✓ Grease Gun
Hydraulics	Warning Lights/Gauges/Buzzers	✓ Plant Prestart Book
Sight Glass Condition and Oil Level	✓ Dash Lights	✓ Plant Number/McCosker Logo
Hydraulic Tank Mounting & Leaks	✓ Interior Light	✓ Safety Decals
Pumps Leaks, Mounting and Noise	✓ Head/Brake/Tail Lights & Indicators	✓ Operation & Maintenance Manual
Hoses for Condition and Leaks	✓ Reverse Camera Operation	✓ Rego and Insurance Current Copies
Pipes for Mounting and Leaks	✓ Reversing Lights & Alarm	✓ Current Risk Assessment
Valves for Leaks	✓ Flashing Light	✓ Maintenance History
Cylinders for Condition and Leaks	✓ Horn	✓ Plant Damage
Cylinder Pins & Bushes for Wear	✓ AM/FM Radio	✓ Refuel if necessary (see supervisor)
Oil Cooler for Mounting & Leaks	✓ 2 Way Radio	
Inspect Accumulators	Battery/Terminals/Cables	

Comments: (Describe non-compliant items in detail)

R/H STRUT DROPPED DOWN

DOG BONE BUSHES FATIGUED/WORN MONITOR

Inspectors Name

Print:

Sign:

250Hr Mechanical Inspection Articulated Dump Truck - 740B Caterpillar

Initial	Checked OK
N/A	Not Applicable

 Fault - See Comments

Refer to Maintenance Manual for specific machine requirements
Report ALL Non-Compliances to Supervisor

Date: 13/6/23	W/O No: 19716	SMU's: 11607-4
Plant Number: P1128	Rego No:	Location:
Make: CAT	Model: 7260	Serial No:
Engine	Steering & Suspension	Operators Cabin
Oil Leaks/Level/Condition	Sight Glass Condition & Oil Level	Operators Seat/Suspension
Fuel Leaks/Hoses	Suspension Cyl Height & Condition	Seat Belt Condition & Function
Cooling System/ Hoses/Clamps	Suspension Cyl Pins & Bushes	Cab Condition & Cleanliness
Radiator - Condition/Cleanliness	Rear Axle Pivots & Support Links	Floor Mat/Hood Liner/Upholstery
Engine Belts/Pulleys/Tensioners	Articulation Joint Wear	Pedal Rubbers
Fan Drive/Fan/Mounting/Bolts	Oscillating Hitch for Adjustment	Window/Door Operation
Air Intake Filters/Hoses/Clamps	Chassis	Glass/Washer/Wipers Condition
Exhaust System Leaks/Muffler	Guards & Panels for Condition	Mirrors & Mountings
Turbo Leaks/Mounting	Guards & Panels Retaining Bolts	Operational Checks
Engine Mounts/Rubbers/Bolts	Main Frame Cracks	Body Hold/Neutral Start Function
Vibration Damper	ROPS Structure & Mounts	Isolator/Emergency Stop
Powertrain	Bonnet Hinge-Wear & Security	Air Conditioning Operation
Oil Leaks	Access Steps & Ladders	Park & Service Brake Test (page 2)
Inspect Drive Shafts/Uni's	Covers, Locks & Hinges	Brake Accumulator Check (page 2)
Drive Shaft Covers & Bolts	H&rails/Grab Rails/Kick Rails	Steering Function
Final Drives Leaks	Inspect Towing & Recovery Points	Emergency Steering Function
Brake Disc's & Pads	Work Equipment	Engine Low / High Idle
Brake Steel Lines & Hoses	Body for Wear & Condition	Powertrain Function
Air System Leaks	Cracks in Body (Mountings)	Hoist Function
Drain Air Tanks	Pivot Pin's / Bushes	Grease System Operation
Wheel Nuts & Indicators	Under Body Wear Pads	Safety & Miscellaneous Items
Rims & Tyres for Condition	Body to Chassis Pad Adjustment	Fire Extinguishers/Suppression
Tyre Pressures	Body Up Safety Prop	Grease Gun
Hydraulics	Electrical	Plant Prestart Book
Sight Glass Condition & Oil Level	Warning Lights/Gauges/Buzzers	Plant Number/McCosker Logo
Hydraulic Tank Mounting & Leaks	Dash Lights	Safety Decals
Pumps Leaks, Mounting & Noise	Interior Light	Operation & Maintenance Manual
Hoses for Condition & Leaks	Head/Brake/Tail Lights & Indicators	Rego & Insurance Current Copies
Pipes for Mounting & Leaks	Reverse Camera Operation	Current Risk Assessment
Valves for Leaks	Reversing Lights & Alarm	Maintenance History
Cylinders for Condition & Leaks	Flashing Light	Plant Damage
Cylinder Pins & Bushes for Wear	Horn	Refuel if necessary (see supervisor)
Oil Cooler for Mounting & Leaks	AM/FM Radio/2 Way Radio	
Inspect Accumulators	Battery/Terminals/Cables	

Brake & Accumulator Checks

Brake Operational Check
(As per Media No UENR0210-05)

Service Brake Static Test

Parking Brake Static Test

Initial Check

Final Check

Spec

Value	1400	rpm	
Value	1100	rpm	

1400
1100

Do Not Test Past Required Value

Carry out Accumulator Precharge Checks @ 500Hr Intervals. (600,1000,2000)

(As per Media No UENR0210-05)

Inspect accumulators for condition

Service Brake Accumulator Front

Service Brake Accumulator Rear

Park Brake Accumulator

Initials	HS
Value	820
Value	820
Value	1390

psi	820
psi	820
psi	1390

820 +/- 22
820 +/- 22
1390 +/- 25

Comments: (Describe non-compliant items in detail)

Inspector Name:	Print: _____	Sign: 
Inspector Name:	Print: _____	Sign: 
Supervisor Name:	Print: _____	Sign: 

250Hr Mechanical Inspection

730 B1M00001-up Articulated Dump Truck

Initial	Checked OK
N/A	Not Applicable



Fault - See Comments

Refer to Maintenance Manual for specific machine requirements
Report ALL Non-Compliances to Supervisor

Date: 9/11/2023	W/O No: WO 21567	SMU's: 11487
Plant Number: P1128	Rego No:	Location: RMD
Make: CAT	Model: 740	Serial No: R1P02467
Engine		Steering and Suspension
Oil Leaks / Level / Condition	Sight Glass Condition and Oil Level	X
Fuel Leaks / Hoses	Suspension Cyl Height and Condition	JK
Cooling System / Hoses / Clamps	Suspension Cyl Pins and Bushes	JK
Radiator - Condition/Cleanliness	Rear Axle Pivots and Support Links	X
Engine Belts / Pulleys / Tensioners	Articulation Joint Wear	JK
Fan Drive / Fan / Mounting / Bolts	Oscillating Hitch for Adjustment	JK
Air Intake Filters / Hoses / Clamps	Chassis	
Exhaust System Leaks / Muffler	Guards and Panels for Condition	JK
Turbo Leaks / Mounting	Guards and Panels Retaining Bolts	JK
Engine Mounts / Rubbers / Bolts	Main Frame Cracks	JK
Vibration Damper	ROPS Structure and Mounts	JK
Powertrain		JK
Oil Leaks	Bonnet Hinge for Wear & Security	JK
Inspect Drive Shafts / Uni's	Access Steps and Ladders	JK
Drive Shaft Covers and Bolts	Covers, Locks and Hinges	JK
Final Drives Leaks	Handrails/Grab Rails/Kick Rails	JK
Brake Disc's and Pads	Inspect Towing & Recovery Points	JK
Brake Steel Lines and Hoses	Work Equipment	
Wheel Nuts	Body for Wear and Condition	JK
Rims and Tyres for Condition	Cracks in Body (Mountings)	JK
Tyre Pressures	Pivot Pin's / Bushes	JK
	Under Body Wear Pads	JK
	Body to Chassis Pad Adjustment	JK
	Body Up Safety Prop	JK
Hydraulics		Electrical
Sight Glass Condition and Oil Level	Warning Lights/Gauges/Buzzers	JK
Hydraulic Tank Mounting & Leaks	Dash Lights	JK
Pumps Leaks, Mounting and Noise	Interior Light	JK
Hoses for Condition and Leaks	Head/Brake/Tail Lights & Indicators	JK
Pipes for Mounting and Leaks	Reverse Camera Operation	JK
Valves for Leaks	Reversing Lights & Alarm	JK
Cylinders for Condition and Leaks	Flashing Light	JK
Cylinder Pins and Bushes for Wear	Horn	JK
Oil Cooler for Mounting & Leaks	AM/FM Radio / 2 Way Radio	JK
Inspect Accumulators	Battery/Terminals/Cables	JK

Brake and Accumulator Checks:

Brake Operational Check (As per Media No SEBU7814)	Result	Specification
Service Brake Static Test	1700 rpm	1200rpm min
Parking Brake Static Test (>8.5° Degrees or largest incline onsite)	Pass <input checked="" type="checkbox"/>	>8.5 Deg Slope
Do Not Test Past Required Value		
Carry out Accumulator Precharge Checks @500Hr Intervals. (500,1000,2000) (As per Media No RENR672a)	Before Adjustment	After Adjustment
Service Brake Accumulator Front	800 psi	800 psi
Service Brake Accumulator Rear	800 psi	800 psi
Park Brake Accumulator	psi	psi
Inspect accumulators for condition		

Comments: (Describe non-compliant items in detail)

Service brake rear 820 psi \pm 20 psi spec
Front

Hydraulic hose @ artic area wot. hoist / Brake cooling
Steel Oil site glass hard to read replacing

Filter Name <u>309</u>	Print: _____	Sign: <u>J.L.H.</u>
Filter Name	Print: _____	Sign: <u>8/12</u>
Supervisor Name	Print: _____	Sign: _____

Service Sheet
Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

	250hr/750hr Service	(Items 1-13)
	500hr Service	(Items 1-19)
	1000hr Service	(Items 1-25)
	2000hr Service	(Items 1-31)

Please complete all details

Date: / /	W/O No:	SMU's:
Plant Number:	Rego No:	Location:
Make:	Model:	Serial No:

250/750 Hour Service Schedule

1	Isolate, & tag out machine	LB BH
2	Take oil samples (Engine)	BH
3	Change engine oil & filters	LB
4	Replace primary fuel filter (fuel/water separator)	LB
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	LB
6	Inspect/Clean/Change operators cab air filters	LB
7	Drain air tanks	N/A
8	Check fluid levels (Coolant, Hoist/Brake, Steer, Transmission, Transfer Gear)	LB BH
9	Clean batteries, check electrolyte level, clean & protect terminals	LB
10	Check engine drive belts for condition & tension (e.g. Alt, A/C, Fan Drive)	LB
11	Ensure all grease points are accepting grease (Steering, Suspension, Hitch, Body Pivot, Hoist Cyl)	BH
12	Manually grease the fan drive and drive shafts	BH

500 Hour Service Schedule

13	Take oil samples (Hoist/Brake, Steering, Transmission, Transfer Gear, Axles, Final Drives)	LB BH
14	Check fluid levels (Axles, Final Drives)	BH
15	Replace secondary fuel filters	LB
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	LB
17	Replace oil filters (Torque Converter - Transmission)	LB BH
18	Inspect/Clean/Change Breathers (Engine Crankcase, Transmission, Transfer Gear, Axles)	LB BH
19	Clean radiator & hydraulic oil cooler	BH

1000 Hour Service Schedule

20	Change inner engine air filter	
21	Change oil filters (Hoist/Brake, Steering, Transfer Gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

2000 Hour Service Schedule

26	Change oils (Hoist & Brake System, Steering, Axles, Final Drives)	
27	Change brake control valve damper oil and replace breather	
28	Purge brake system air	
29	Replace Air Drier Desiccant	
30	Check engine valve lash	
31	Change radiator coolant on Sample	

Inspectors Name	Print:	Sign:
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Service Sheet

Articulated Dump Truck - Caterpillar

(Items 1-12)	250hr/750hr Service	Initial	Checked OK
(Items 1-19)	500hr Service	✗	Fault - See Comments
(Items 1-25)	1000hr Service	N/A	Not Applicable
(Items 1-32)	2000hr Service		

Refer to Maintenance Manual for specific machine requirements

Date: 18/6/23	W/O No: 19716	SMU's: 11007.4
Plant Number: P1128	Rego No:	Location: RMD
Make: Cat	Model: 740	Serial No:

250/750 Hour Service Schedule

1	Isolate & tag out machine	A
2	Take oil samples (engine)	A3
3	Change engine oil & filters (cut & inspect filter - comment required)	ok filter not in kit
4	Replace primary fuel filter (fuel/water separator)	A3
5	Replace outer engine air filter (inspect secondary element for condition)	A3
6	Inspect/clean/change operators cab air filters	A3
7	Drain air tanks	A3
8	Check fluid levels (coolant, hoist/brake, steer, transmission, transfer gear)	A3
9	Clean batteries, check electrolyte level, clean & protect terminals	A3
10	Check engine drive belts for condition & tension (eg. Alt, A/C, fan drive)	A3
11	Ensure all grease points are accepting grease (steering, suspension, hitch, body pivot, hoist cyl)	A3
12	Manually grease the fan drive and drive shafts	A3

500 Hour Service Schedule

13	Take oil samples (hoist/brake, steering, transmission, transfer gear, axles, final drives)	A3
14	Check fluid levels (axles, final drives)	A3
15	Replace secondary fuel filters	A3
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	A3
17	Replace oil filters (torque converter - transmission)	A3
18	Inspect/clean/change breathers (engine crankcase, transmission, transfer gear, axles)	A3
19	Clean radiator & hydraulic oil cooler	A3

1000 Hour Service Schedule

20	Change inner engine air filter	A3
21	Change oil filters (hoist/brake, steering, transfer gear)	A3
22	Change transmission oil	A3
23	Change transfer gear oil	A3
24	Inspect and clean transmission and converter screens	A3
25	Adjust clearance at oscillating hitch	A3

Service Sheet

Articulated Dump Truck - Caterpillar

(Items 1-12)	<input type="checkbox"/>	250hr/750hr Service	Initial	Checked OK
(Items 1-19)	<input checked="" type="checkbox"/>	500hr Service	<input checked="" type="checkbox"/>	Fault - See Comments
(Items 1-25)	<input type="checkbox"/>	1000hr Service	<input type="checkbox"/>	N/A Not Applicable
(Items 1-32)	<input type="checkbox"/>	2000hr Service		

Refer to Maintenance Manual for specific machine requirements

Date: 9/11/23	W/O No: 21567	SMU's: 11487
Plant Number: P1120	Rego No:	Location: RMD
Make: CAT	Model: 740	Serial No: DIP02467
250/750 Hour Service Schedule		
1	Isolate & tag out machine	JM
2	Take oil samples (engine)	JM
3	Change engine oil & filters (cut & inspect filter - comment required)	JR
4	Replace primary fuel filter (fuel/water separator)	JM
5	Replace outer engine air filter (inspect secondary element for condition)	JR
6	Inspect/clean/change operators cab air filters	JR
7	Drain air tanks	N/A
8	Check fluid levels (coolant, hoist/brake, steer, transmission, transfer gear)	JR
9	Clean batteries, check electrolyte level, clean & protect terminals	JM
10	Check engine drive belts for condition & tension (eg. Alt, A/C, fan drive)	JR
11	Ensure all grease points are accepting grease (steering, suspension, hitch, body pivot, hoist cyl)	JR
12	Manually grease the fan drive and drive shafts	JR
500 Hour Service Schedule		
13	Take oil samples (hoist/brake, steering, transmission, transfer gear, axles, final drives)	JM
14	Check fluid levels (axles, final drives)	JM
15	Replace secondary fuel filters	JM
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	JR
17	Replace oil filters (torque converter - transmission)	
18	Inspect/clean/change breathers (engine crankcase, transmission, transfer gear, axles)	JM
19	Clean radiator & hydraulic oil cooler	JM
1000 Hour Service Schedule		
20	Change inner engine air filter	
21	Change oil filters (hoist/brake, steering, transfer gear)	
22	Change transmission oil	
23	Change transfer gear oil	
24	Inspect and clean transmission and converter screens	
25	Adjust clearance at oscillating hitch	

