

## 250Hr Mechanical Inspection Articulated Dump Truck - 740B Caterpillar

Initial Checked OK  
N/A Not Applicable

X 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	
<b>Engine</b>		<b>Steering &amp; Suspension</b>		<b>Operators Cabin</b>	
Oil Leaks/Level/Condition	✓	Sight Glass Condition & Oil Level	✓	Operators Seat/Suspension	✓
Fuel Leaks/Hoses	✓	Suspension Cyl Height & Condition	X	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	✓	<b>Chassis</b>		Glass/Washer/Wipers Condition	✓
Exhaust System Leaks/Muffler	✓	Guards & Panels for Condition		Mirrors & Mountings	✓
Turbo Leaks/Mounting	✓	Guards & Panels Retaining Bolts		<b>Operational Checks</b>	
Engine Mounts/Rubbers/Bolts	✓	Main Frame Cracks		Body Hold/Neutral Start Function	✓
Vibration Damper	✓	ROPS Structure & Mounts		Isolator/Emergency Stop	✓
<b>Powertrain</b>		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	✓	<b>Work Equipment</b>		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		<b>Safety &amp; Miscellaneous Items</b>	
Rims & Tyres for Condition	✓	Body to Chassis Pad Adjustment		Fire Extinguishers/Suppression	✓
Tyre Pressures	✓	Body Up Safety Prop		Grease Gun	N/A
<b>Hydraulics</b>		<b>Electrical</b>		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	N/A
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)	N/A
Oil Cooler for Mounting & Leaks	✓	AM/FM Radio/2 Way Radio	✓		
Inspect Accumulators	✓	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	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"/>	<b>Chassis</b>	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"/>	<b>Operational Checks</b>
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"/>
<b>Powertrain</b>	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"/>	<b>Work Equipment</b>	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"/>	<b>Safety &amp; Miscellaneous Items</b>
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"/>	<b>Electrical</b>	Grease Gun <input checked="" type="checkbox"/>
<b>Hydraulics</b>	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/McCoser 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)

Fire extinguishers out of date 1-4-2022  
 1. leaking out oil transference in fly seal, harsh change, neutral to reverse, neutral to 1st.  
 2. LH & RH hub end steering pins/bushes, 25mm wear measurement  
 Slip joint center drive shaft excessive movement & bearing dusted.

Inspectors Name

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: 5 / 10 / 21	W/O No: 15361	SMU's: 974548
Plant Number: P1128	Rego No: N/A	Location: RMD
Make: CAT	Model: 740	Serial No: 81P02467

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"/>	<b>Chassis</b>	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"/>	<b>Operational Checks</b>
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"/>
<b>Powertrain</b>	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"/>	<b>Work Equipment</b>	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"/>	<b>Safety &amp; Miscellaneous Items</b>
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"/>	<b>Electrical</b>	Grease Gun <input checked="" type="checkbox"/>
<b>Hydraulics</b>	Warning Lights/Gauges/Buzzers <input checked="" type="checkbox"/>	Plant Pstart 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 UNDER NEATH.

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	TL
4	Replace primary fuel filter (fuel/water separator)	TL
5	Replace outer engine air filter (Inspect Secondary Element for Condition)	TL
6	Inspect/Clean/Change operators cab air filters	TL
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: 5 / 10 / 21	W/O No: 15361	SMU's: 9745Hrs
Plant Number: P1128	Rego No: N/A	Location: RMO
Make: CAT	Model: 740	Serial No: 81P02467

### 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 ☐

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

Report ALL Non-Compliances to Supervisor

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Date: 13 / 12 / 21 W/O No: 15782 SMU's: 9976  
 Plant Number: P1128 Rego No: Location:  
 Make: CAT Model: 740 Serial No:

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	N/A
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/McCoser 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	N/A
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	N/A
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)

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

Refit 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

<input 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 checked="" type="checkbox"/>	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	✓
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 test
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 1400 rpmValue 1000 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

Value 850 psiValue 850 psiValue 1390 psi

820 +/- 22

820 +/- 22

1390 +/- 25

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

Level Not Primary and pump Not hitting level through  
 Rubber block suspension split in two have one in work shop  
 left strut for 1 broken gear out Regase

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 738Hrs	
Plant Number: P1128		Rego No: N/A		Location: ROAD	
Make: CAT		Model: 740B		Serial No: 81P02467	

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"/>	Park & Service Brake Test (page 2)	<input checked="" type="checkbox"/>
Inspect Drive Shafts / Uni's	<input checked="" type="checkbox"/>	Covers, Locks and Hinges	<input checked="" type="checkbox"/>	Brake Accumulator Check (page 2)	<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"/>	Inspect Towing & Recovery Points	<input checked="" type="checkbox"/>	Emergency Steering Function	<input checked="" type="checkbox"/>
Brake Disc's and Pads	<input checked="" type="checkbox"/>	Work Equipment		Engine Low / High Idle	<input checked="" type="checkbox"/>
Brake Steel Lines & Hoses	<input checked="" type="checkbox"/>	Body for Wear and Condition	<input checked="" type="checkbox"/>	Powertrain Function	<input checked="" type="checkbox"/>
Air System Leaks	N/A	Cracks in Body (Mountings)	<input checked="" type="checkbox"/>	Hoist Function	<input checked="" type="checkbox"/>
Drain Air Tanks	N/A	Pivot Pin's / Bushes	<input checked="" type="checkbox"/>	Grease System Operation	<input checked="" type="checkbox"/>
Wheel Nuts and Indicators	<input checked="" type="checkbox"/>	Under Body Wear Pads	<input checked="" type="checkbox"/>	Safety & Miscellaneous Items	
Rims & Tyres for Condition	<input checked="" type="checkbox"/>	Body to Chassis Pad Adjustment	<input checked="" type="checkbox"/>	Fire Extinguishers / Suppression	<input checked="" type="checkbox"/>
Tyre Pressures	<input checked="" type="checkbox"/>	Body Up Safety Prop	<input checked="" type="checkbox"/>	Grease Gun	N/A
Hydraulics		Electrical		Plant Prestart Book	<input checked="" type="checkbox"/>
Sight Glass Condition and Oil Level	<input checked="" type="checkbox"/>	Warning Lights/Gauges/Buzzers	<input checked="" type="checkbox"/>	Plant Number/McCosker Logo	N/A
Hydraulic Tank Mounting & Leaks	<input checked="" type="checkbox"/>	Dash Lights	<input checked="" type="checkbox"/>	Safety Decals	<input checked="" type="checkbox"/>
Pumps Leaks, Mounting and Noise	<input checked="" type="checkbox"/>	Interior Light	<input checked="" type="checkbox"/>	Operation & Maintenance Manual	<input checked="" type="checkbox"/>
Hoses for Condition and Leaks	<input checked="" type="checkbox"/>	Head/Brake/Tail Lights & Indicators	<input checked="" type="checkbox"/>	Rego and Insurance Current Copies	N/A
Pipes for Mounting and Leaks	<input checked="" type="checkbox"/>	Reverse Camera Operation	<input checked="" type="checkbox"/>	Current Risk Assessment	<input checked="" type="checkbox"/>
Valves for Leaks	<input checked="" type="checkbox"/>	Reversing Lights & Alarm	<input checked="" type="checkbox"/>	Maintenance History	<input checked="" type="checkbox"/>
Cylinders for Condition and Leaks	<input checked="" type="checkbox"/>	Flashing Light	<input checked="" type="checkbox"/>	Plant Damage	N/A
Cylinder Pins & Bushes for Wear	<input checked="" type="checkbox"/>	Horn	<input checked="" type="checkbox"/>	Refuel if necessary (see supervisor)	<input checked="" type="checkbox"/>
Oil Cooler for Mounting & Leaks	<input checked="" type="checkbox"/>	AM/FM Radio / 2 Way Radio	<input checked="" type="checkbox"/>		
Inspect Accumulators	<input checked="" type="checkbox"/>	Battery/Terminals/Cables	<input checked="" type="checkbox"/>		



\* 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-

Noted To Do Part Req.

Inspector

Print:

Sign:

Inspector

Print:

Sign:

Supervisor

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 H/S
Plant Number: P1128	Rego No: N/A	Location: RMD
Make: CAT	Model: 740B	Serial No: BIP02467

### 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	



## 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 H70	
Plant Number: P1128		Rego No:		Location: R04	
Make: CAT		Model: 740		Serial No:	

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	LB
Fuel Leaks / Hoses	<input checked="" type="checkbox"/>	Suspension Cyl Height & Condition	<input checked="" type="checkbox"/>	Seat Belt Condition and Function	LB
Cooling System / Hoses / Clamps	<input checked="" type="checkbox"/>	Suspension Cyl Pins and Bushes	<input checked="" type="checkbox"/>	Cab Condition & Cleanliness	LB
Radiator - Condition/Cleanliness	<input checked="" type="checkbox"/>	Rear Axle Pivots and Support Links	<input checked="" type="checkbox"/>	Floor Mat / Hood Liner / Upholstery	LB
Engine Belts / Pulleys / Tensioners	<input checked="" type="checkbox"/>	Articulation Joint Wear	<input checked="" type="checkbox"/>	Pedal Rubbers	LB
Fan Drive / Fan / Mounting / Bolts	<input checked="" type="checkbox"/>	Oscillating Hitch for Adjustment	<input checked="" type="checkbox"/>	Window / Door Operation	LB
Air Intake Filters / Hoses / Clamps	<input checked="" type="checkbox"/>	<b>Chassis</b>		Glass/Washer/Wipers Condition	LB
Exhaust System Leaks / Muffler	<input checked="" type="checkbox"/>	Guards and Panels for Condition	LB	Mirrors and Mountings	LB
Turbo Leaks / Mounting	<input checked="" type="checkbox"/>	Guards and Panels Retaining Bolts	LB	<b>Operational Checks</b>	
Engine Mounts / Rubbers / Bolts	<input checked="" type="checkbox"/>	Main Frame Cracks	LB	Body Hold / Neutral Start Function	LB
Vibration Damper	<input checked="" type="checkbox"/>	ROPS Structure and Mounts	<input checked="" type="checkbox"/>	Isolator / Emergency Stop	LB
<b>Powertrain</b>		Bonnet Hinge for Wear & Security	<input checked="" type="checkbox"/>	Air Conditioning Operation	LB
Oil Leaks	<input checked="" type="checkbox"/>	Access Steps and Ladders	<input checked="" type="checkbox"/>	Parking & Service Brake Function	LB
Inspect Drive Shafts / Uni's	<input checked="" type="checkbox"/>	Covers, Locks and Hinges	<input checked="" type="checkbox"/>	Brake Accumulator Check	LB
Drive Shaft Covers and Bolts	<input checked="" type="checkbox"/>	Handrails/Grab Rails/Kick Rails	<input checked="" type="checkbox"/>	Steering Function	LB
Final Drives Leaks	<input checked="" type="checkbox"/>	<b>Work Equipment</b>		Emergency Steering Function	LB
Brake Disc's and Pads	<input checked="" type="checkbox"/>	Body for Wear and Condition	<input checked="" type="checkbox"/>	Engine Low / High Idle	LB
Brake Steel Lines & Hoses	<input checked="" type="checkbox"/>	Cracks in Body (Mountings)	<input checked="" type="checkbox"/>	Powertrain Function	LB
Air System Leaks	NA	Pivot Pin's / Bushes	<input checked="" type="checkbox"/>	Hoist Function	LB
Drain Air Tanks	NA	Under Body Wear Pads	<input checked="" type="checkbox"/>	Grease System Operation	LB
Wheel Nuts and Indicators	<input checked="" type="checkbox"/>	Body to Chassis Pad Adjustment	<input checked="" type="checkbox"/>	<b>Safety &amp; Miscellaneous Items</b>	
Rims & Tyres for Condition	<input checked="" type="checkbox"/>	Body Up Safety Prop	<input checked="" type="checkbox"/>	Fire Extinguishers / Suppression	LB
Tyre Pressures OCEANS		<b>Electrical</b>		Grease Gun	—
<b>Hydraulics</b>		Warning Lights/Gauges/Buzzers	LB	Plant Prestart Book	LB
Sight Glass Condition and Oil Level	<input checked="" type="checkbox"/>	Dash Lights	LB	Plant Number/McCosker Logo	LB
Hydraulic Tank Mounting & Leaks	<input checked="" type="checkbox"/>	Interior Light	LB	Safety Decals	LB
Pumps Leaks, Mounting and Noise	<input checked="" type="checkbox"/>	Head/Brake/Tail Lights & Indicators	LB	Operation & Maintenance Manual	LB
Hoses for Condition and Leaks	<input checked="" type="checkbox"/>	Reverse Camera Operation	NA	Rego and Insurance Current Copies	LB
Pipes for Mounting and Leaks	<input checked="" type="checkbox"/>	Reversing Lights & Alarm	LB	Current Risk Assessment	LB
Valves for Leaks	<input checked="" type="checkbox"/>	Flashing Light	LB	Maintenance History	LB
Cylinders for Condition and Leaks	<input checked="" type="checkbox"/>	Horn	LB	Plant Damage	LB
Cylinder Pins & Bushes for Wear	<input checked="" type="checkbox"/>	AM/FM Radio	LB	Refuel if necessary (see supervisor)	—
Oil Cooler for Mounting & Leaks	<input checked="" type="checkbox"/>	2 Way Radio	LB		
Inspect Accumulators	<input checked="" type="checkbox"/>	Battery/Terminals/Cables	LB		

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


R/H STRUT DROPPED DOWN  
 DOG BONE BUSHES FATIGUED / WORN MONITOR

Inspectors Name

Print:

Sign:



 Fault - See Comments

**Refer to Maintenance Manual for specific machine requirements**

**Report ALL Non-Compliances to Supervisor**

Version: 06/02/2023  
Page 1 of 2

**Brake & Accumulator Checks****Brake Operational Check**

(As per Media No UENR0210-05)

Service Brake Static Test

	Initial Check	Final Check	Spec
Value	1400	rpm	1400
Value	1100	rpm	1100

Parking Brake Static Test

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

Initials	JS			
Value	820	psi	830	820 +/- 22
Value	800	psi	800	820 +/- 22
Value		psi	1395	1390 +/- 25

Service Brake Accumulator Front


Service Brake Accumulator Rear

Park Brake Accumulator

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

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

Initial	Checked OK
N/A	Not Applicable

 Fault - See Comments

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

Version: 20/07/2023  
Page 1 of 2



**Brake and Accumulator Checks:**

Brake Operational Check (As per Media No SEBU7814)	Result	Specification
Service Brake Static Test	1200 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 RENR6725)	Before Adjustment	After Adjustment	Specification
Service Brake Accumulator Front	800 psi	800 psi	1160 +/- 30psi
Service Brake Accumulator Rear	800 psi	800 psi	1160 +/- 30psi
Park Brake Accumulator	psi	psi	1400 +/- 25psi
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 wet. hoist / Brake cooling)  
Steer Oil Site glass hard to read replacing

Fitter Name <i>SPZ</i>	Print: _____	Sign: <i>[Signature]</i>
Fitter Name	Print: _____	Sign: _____
Supervisor Name	Print: _____	Sign: _____

## Service Sheet Articulated Dump Truck

Refer to Maintenance Manual for machine specific requirements

<input 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:     /     /	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(Items 1-19) ☐ 500hr Service(Items 1-25) ☒ 1000hr Service(Items 1-32) ☐ 2000hr Service☐ Initial Checked OK☒ Fault - See Comments☐ N/A Not Applicable

Refer to Maintenance Manual for specific machine requirements

Date: 13/ 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	AS
2	Take oil samples (engine)	AS
3	Change engine oil & filters (cut & inspect filter - comment required) ok filter not in kit	AS
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)	B
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)	AS
14	Check fluid levels (axles, final drives)	AS
15	Replace secondary fuel filters	AS
16	Clean fuel tank cap and strainer. Drain fuel tank sediment	B
17	Replace oil filters (torque converter - transmission)	AS
18	Inspect/clean/change breathers (engine crankcase, transmission, transfer gear, axles)	AS
19	Clean radiator & hydraulic oil cooler	AS

**1000 Hour Service Schedule**

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





## Service Sheet

### Articulated Dump Truck - Caterpillar

(Items 1-12)	<input type="checkbox"/>	250hr/750hr Service	<input type="checkbox"/>	Initial	Checked OK
(Items 1-19)	<input checked="" type="checkbox"/>	500hr Service	<input checked="" type="checkbox"/>	X	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: P1128	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	NA
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	

