

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

5,483.89 hr

Type	Created	Scheduled	Due	Started	Closed
	Mar 30, 2023	Mar 30, 2023		Apr 4, 2023 7:55 AM	Apr 4, 2023 7:55 AM

Line	Task	Parts	Labor	Total
1	✓ coolant leak	\$0.00	\$0.00	\$0.00
		Part Cost		\$0.00
		Labor		\$0.00
		Subtotal		\$0.00
		Tax 1 (0.0%)		\$0.00
		Tax 2 (0.0%)		\$0.00
		Credit		(\$0.00)
		Total Cost		\$0.00

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

6,056.5 hr

Type	Created	Scheduled	Due	Started	Closed
	Jun 29, 2023	Jun 29, 2023		Jul 20, 2023 3:52 PM	Jul 20, 2023 3:52 PM

Line	Task	Parts	Labor	Total
1	✓ 500 hr service	\$564.09	\$0.00	\$564.09

Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do inspection.

Part Cost	\$564.09
Labor	\$0.00
Subtotal	\$564.09
Tax 1 (0.0%)	\$39.48
Tax 2 (0.0%)	\$15.52
Credit	(\$0.00)
Total Cost	\$619.09

Notes

Notes

ALL filters are at CAT.

User

Time

Jonathan Helms

Jun 29, 2023 7:07 AM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

5,955.8 hr

Type	Scheduled	Due	Started	Closed
	Jun 27, 2023		Jun 27, 2023 8:12 AM	Jun 27, 2023 8:12 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$191.25	\$1,073.50	\$1,264.75
	Technician	Hours	Rate	Cost
	Thompson Machinery	1.0	\$1,073.50	\$1,073.50
		Part Cost		\$191.25
		Labor		\$1,073.50
		Subtotal		\$1,264.75
		Tax 1 (0.0%)		\$88.53
		Tax 2 (0.0%)		\$34.78
		Credit		(\$0.00)
		Total Cost		\$1,388.06

Notes**Notes**

brake accumulators recharge

User**Time**

Jonathan Helms

Jul 5, 2023 8:10 AM

ARTICULATED DUMP

Serial
 3T602009

Tag

Closed Meters
 6,116.73 hr

Type	Scheduled	Due	Started	Closed
	Jul 27, 2023		Jul 27, 2023 1:33 PM	Jul 27, 2023 1:33 PM

Line	Task	Parts	Labor	Total
1	✓ welding repair	\$0.00	\$200.00	\$200.00
	Technician	Hours	Rate	Cost
	Mobile Metal Works INC	2.0	\$100.00	\$200.00
		Part Cost		\$0.00
		Labor		\$200.00
		Subtotal		\$200.00
		Tax 1 (0.0%)		\$0.00
		Tax 2 (0.0%)		\$0.00
		Credit		(\$0.00)
		Total Cost		\$200.00

Notes

Notes

re-weld exhaust system

User

Time

Jonathan Helms

Aug 1, 2023 1:33 PM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,378.15 hr

Type	Scheduled	Due	Started	Closed
	Sep 9, 2023		Sep 9, 2023 8:46 AM	Sep 9, 2023 8:46 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$143.50	\$0.00	\$143.50
		Part Cost		\$143.50
		Labor		\$0.00
		Subtotal		\$143.50
		Tax 1 (0.0%)		\$10.05
		Tax 2 (0.0%)		\$3.95
		Credit		(\$118.11)
		Total Cost		\$39.39

Notes

Notes

User

Time

driver

Jonathan
HelmsSep 12, 2023 8:46
AM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,443.01 hr

Type	Created	Scheduled	Due	Started	Closed
	Sep 19, 2023	Sep 19, 2023		Sep 21, 2023 2:02 PM	Sep 21, 2023 2:02 PM

Line	Task	Parts	Labor	Total
1	✓ 1000 HR SERVICE	\$0.00	\$0.00	\$0.00

Notes

Do 500 HR service. Change Torque converter, Transmission, Transfer gear oil. Change Hydraulic oil filter (132-8876 [Q2]); Clean Hydraulic screen. Clean Hydraulic tank strainer. Change Brake oil filter (571-5253); Clean Brake tank strainer.

2	✓ 500 hr service	\$1,506.62	\$0.00	\$1,506.62
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Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do inspection.

Part Cost	\$1,506.62
Labor	\$0.00
Subtotal	\$1,506.62
Tax 1 (0.0%)	\$105.47
Tax 2 (0.0%)	\$41.44
Credit	(\$0.00)
Total Cost	\$1,653.53

Notes

Notes

User

Time

CAT filters ready for pickup Thursday morning.

Jonathan
Helms

Sep 19, 2023 6:47
AM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

6,565.65 hr

Type	Scheduled	Due	Started	Closed
	Oct 16, 2023		Oct 16, 2023 6:40 AM	Oct 16, 2023 6:40 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$1,387.52	\$1,309.00	\$2,696.52
	Technician	Hours	Rate	Cost
	Thompson Machinery	1.0	\$1,309.00	\$1,309.00
		Part Cost		\$1,387.52
		Labor		\$1,309.00
		Subtotal		\$2,696.52
		Tax 1 (0.0%)		\$188.76
		Tax 2 (0.0%)		\$74.15
		Credit		(\$0.00)
		Total Cost		\$2,959.43

Notes**Notes**

TROUBLESHOOT* STARTING SYSTEM*
 CUSTOMER COMPLAINT:MACHINE WOULD NOT CRANK. REPAIR PROCESS
 COMMENTS: CONFIRMED THE MACHINE WOULD NOT CRANK. CHECKED THE
 BATTERIES. THEY WERE SHOWING 24 VOLTS. MADE SURE 24 VOLTS WAS GOING TO
 THE STARTER WHILE CRANKING. ALSO CHECKED THE THERE WAS 24 VOLTS ON THE
 EXCITER WIRE ON THE STARTER WHILE CRANKING. DETERMINED THE STARTER
 NEEDED REPLACED.

User**Time**

Jonathan Helms Oct 17, 2023 6:39 AM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,637.72 hr

Type	Scheduled	Due	Started	Closed
	Oct 30, 2023		Oct 30, 2023 6:39 AM	Oct 30, 2023 6:40 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$406.03	\$0.00	\$406.03
		Part Cost		\$406.03
		Labor		\$0.00
		Subtotal		\$406.03
		Tax 1 (0.0%)		\$28.42
		Tax 2 (0.0%)		\$11.17
		Credit		(\$0.00)
		Total Cost		\$445.62

Notes

Notes

repair leaking hoses

User

Time

Jonathan Helms

Oct 31, 2023 6:39 AM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

6,821.81 hr

Type	Created	Scheduled	Due	Started	Closed
	Dec 5, 2023	Dec 5, 2023		Dec 5, 2023 1:48 PM	Dec 6, 2023 10:48 AM

Line	Task	Parts	Labor	Total
1	✓ hydraulic leak	\$475.80	\$0.00	\$475.80
		Part Cost		\$475.80
		Labor		\$0.00
		Subtotal		\$475.80
		Tax 1 (0.0%)		\$46.39
		Tax 2 (0.0%)		\$0.00
		Credit		(\$0.00)
		Total Cost		\$522.19



CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,922.59 hr

Type	Created	Scheduled	Due	Started	Closed
	Dec 15, 2023	Dec 15, 2023		Dec 26, 2023 3:19 PM	Dec 26, 2023 3:19 PM

Line	Task	Parts	Labor	Total
1	✓ 500 hr service	\$330.06	\$0.00	\$330.06

Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do inspection.

Part Cost	\$330.06
Labor	\$0.00
Subtotal	\$330.06
Tax 1 (0.0%)	\$23.10
Tax 2 (0.0%)	\$9.07
Credit	(\$0.00)
Total Cost	\$362.23

Notes**Notes**

CAT 1R-1808, 326-1643, 1R-0749 (2) and 571-5253 pulled from stock.
CAT filters ordered: 142-340, 142-1403, 485-5435, 485-5433.
Ordered filters ready for pickup Dec 19.

User**Time**

Jonathan
Helms

Dec 15, 2023 6:53
AM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,922.01 hr

Type	Scheduled	Due	Started	Closed
	Dec 20, 2023		Dec 20, 2023 7:52 AM	Dec 20, 2023 7:52 AM

Line	Task	Parts	Labor	Total
1	✓ exhaust	\$963.64	\$0.00	\$963.64

Notes

exhaust came loose at the back of cab

Part Cost	\$963.64
Labor	\$0.00
Subtotal	\$963.64
Tax 1 (0.0%)	\$67.45
Tax 2 (0.0%)	\$26.50
Credit	(\$0.00)
Total Cost	\$1,057.59



CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

6,922.87 hr

Type	Scheduled	Due	Started	Closed
	Dec 28, 2023		Dec 28, 2023 7:14 AM	Dec 28, 2023 7:14 AM

Line	Task	Parts	Labor	Total
1	✓ exhaust	\$840.28	\$0.00	\$840.28
		Part Cost		\$840.28
		Labor		\$0.00
		Subtotal		\$840.28
		Tax 1 (0.0%)		\$58.82
		Tax 2 (0.0%)		\$23.11
		Credit		(\$0.00)
		Total Cost		\$922.21

Womble, LLC

629 - 2019 CAT 745

Work Order 9359

Nathan Hassenrick

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

7,043.74 hr

Type	Scheduled	Due	Started	Closed
	Jan 30, 2024		Jan 30, 2024 6:30 AM	Jan 30, 2024 6:30 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$1,053.57	\$0.00	\$1,053.57
		Part Cost		\$1,053.57
		Labor		\$0.00
		Subtotal		\$1,053.57
		Tax 1 (0.0%)		\$73.75
		Tax 2 (0.0%)		\$28.97
		Credit		(\$0.00)
		Total Cost		\$1,156.29

Notes

Notes

User

Time

nox sensor

Jonathan Helms

Feb 8, 2024 6:29 AM

ARTICULATED DUMP	Serial	Tag	Closed Meters
	3T602009		7,992.59 hr

Type	Scheduled	Due	Started	Closed
	Nov 6, 2020		Nov 6, 2024 6:36 AM	Nov 6, 2024 6:36 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$43.56	\$0.00	\$43.56
		Part Cost		\$43.56
		Labor		\$0.00
		Subtotal		\$43.56
		Tax 1 (0.0%)		\$3.05
		Tax 2 (0.0%)		\$1.20
		Credit		(\$0.00)
		Total Cost		\$47.81

Notes

Notes	User	Time
wiper blade	Jonathan Helms	Nov 8, 2024 6:36 AM

CLOSED

Serial
3T602009

Tag

Closed Meters
7,343.52 hr

Type	Scheduled	Due	Started	Closed
	May 20, 2024		May 20, 2024 6:56 AM	May 20, 2024 6:56 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$109.32	\$0.00	\$109.32
		Part Cost		\$109.32
		Labor		\$0.00
		Subtotal		\$109.32
		Tax 1 (0.0%)		\$7.65
		Tax 2 (0.0%)		\$3.01
		Credit		(\$0.00)
		Total Cost		\$119.98

Notes

Notes	User	Time
hose elbow	Jonathan Helms	May 21, 2024 6:56 AM



CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

7,463.01 hr

Type	Created	Scheduled	Due	Started	Closed
	May 30, 2024	May 30, 2024		Jun 12, 2024 9:44 AM	Jun 12, 2024 9:44 AM

Line	Task	Parts	Labor	Total
1	✓ 2000 HR service	\$0.00	\$0.00	\$0.00

Notes

Do 500 & 1000 hr service. Replace Axle breathers (8X-4575) [Q3]; Replace Hydraulic tank breather (356-7423 [Q2] [O-Ring (3D-2824 [Q2]))]; Change brake oil & purge air from brake system. Check Service Brake Wear Indicator. Change Diff & Final drive oil.

2	✓ 1000 HR SERVICE	\$0.00	\$0.00	\$0.00
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Notes

Do 500 HR service. Change Torque converter, Transmission, Transfer gear oil. Change Hydraulic oil filter (132-8876 [Q2]); Clean Hydraulic screen. Clean Hydraulic tank strainer. Change Brake oil filter (571-5253); Clean Brake tank strainer.

3	✓ 500 hr service	\$1,176.72	\$0.00	\$1,176.72
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Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do Inspection.

Part Cost	\$1,176.72
Labor	\$0.00
Subtotal	\$1,176.72
Tax 1 (0.0%)	\$82.36
Tax 2 (0.0%)	\$32.36
Credit	(\$0.00)
Total Cost	\$1,291.44

Notes			
Notes		User	Time
All filters ordered from CAT. ETA May 31st, NOON.		Jonathan Helms	May 30, 2024 7:26 AM

629 - 2019 CAT 745

Nathan Hassenrick

CLOSED

7,463.01 hr

Line	Task	Parts	Labor	Total
1	✓ hydraulic leak	\$198.73	\$0.00	\$198.73
		Part Cost		\$198.73
		Labor		\$0.00
		Subtotal		\$198.73
		Tax 1 (0.0%)		\$13.92
		Tax 2 (0.0%)		\$5.47
		Credit		(\$0.00)
		Total Cost		\$218.12



629 - 2019 CAT 745

Nathan Hassenrick

CLOSED

7,463.01 hr

Type	Scheduled	Due	Started	Closed
	Jun 12, 2024		Jun 12, 2024 8:38 AM	Jun 12, 2024 8:39 AM

Line	Task	Parts	Labor	Total
1	✓ bolts	\$451.03	\$0.00	\$451.03
		Part Cost		\$451.03
		Labor		\$0.00
		Subtotal		\$451.03
		Tax 1 (0.0%)		\$31.57
		Tax 2 (0.0%)		\$12.40
		Credit		(\$0.00)
		Total Cost		\$495.00



629 - 2019 CAT 745

Philip Waggoner

CLOSED

Serial
3T602009

Tag

Closed Meters
7,748.75 hr

Type	Scheduled	Due	Started	Closed
	Aug 20, 2024		Aug 20, 2024 7:13 AM	Aug 20, 2024 7:13 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$3,020.22	\$0.00	\$3,020.22
		Part Cost		\$3,020.22
		Labor		\$0.00
		Subtotal		\$3,020.22
		Tax 1 (0.0%)		\$211.42
		Tax 2 (0.0%)		\$83.06
		Credit		(\$0.00)
		Total Cost		\$3,314.70

Notes

Notes

combustion head

User

Time

Jonathan Helms

Aug 22, 2024 7:10 AM



CLOSED

TRANS

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

7,800.23 hr

Type	Scheduled	Due	Started	Closed
	Aug 29, 2024		Aug 29, 2024 6:50 AM	Aug 29, 2024 6:50 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$154.80	\$778.16	\$932.96
	Technician	Hours	Rate	Cost
	Thompson Machinery	1.0	\$778.16	\$778.16
		Part Cost		\$154.80
		Labor		\$778.16
		Subtotal		\$932.96
		Tax 1 (0.0%)		\$65.31
		Tax 2 (0.0%)		\$25.66
		Credit		(\$0.00)
		Total Cost		\$1,023.93

Notes

Notes

Reprogram (flash)* software*
 Hooked up et found recent inactive codes E22022
 Trans slippage 247-9 1939 data link abnormal update rate 585-8 trans output speed sensor 1 abnormal update rate 673-8 trans speed sensor 2 abnormal update rate. Believe abnormal update rates codes may have caused trans slippage code. Found trans ecm and chassis ecm out of date. Updated trans from 6109751 to 6427892. Updated chassis ecm from 5982810 to 6427893. Def controller was also out of date. Updated from 5937033 to 6194458. Ran unit for 30 mins with no issues. Had customer operate unit for 1 hour. No codes returned. Returned unit to service.

User

Time

Jonathan
HelmsAug 30, 2024 6:49
AM

ARTICULATED DUMP

Serial Tag Closed Meters
3T602009 7,972 hr

Type	Created	Scheduled	Due	Started	Closed
	Oct 15, 2024	Oct 15, 2024		Oct 21, 2024 1:07 PM	Oct 21, 2024 1:07 PM

Line	Task	Parts	Labor	Total
1	✓ 500 hr service	\$631.47	\$0.00	\$631.47

Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do inspection.

Part Cost	\$631.47
Labor	\$0.00
Subtotal	\$631.47
Tax 1 (0.0%)	\$40.28
Tax 2 (0.0%)	\$15.82
Credit	(\$0.00)
Total Cost	\$687.57

Notes

Notes	User	Time
All filters ordered from CAT and ready for pickup.	Jonathan Helms	Oct 15, 2024 1:36 PM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

8,045.87 hr

Type	Scheduled	Due	Started	Closed
	Mar 13, 2025		Mar 13, 2025 2:56 PM	Mar 13, 2025 2:56 PM

Line	Task	Parts	Labor	Total
1	✓ repair	\$3,327.96	\$5,788.33	\$9,116.29
	Technician	Hours	Rate	Cost
	Thompson Machinery	1.0	\$5,788.33	\$5,788.33
		Part Cost		\$3,327.96
		Labor		\$5,788.33
		Subtotal		\$9,116.29
		Tax 1 (0.0%)		\$638.14
		Tax 2 (0.0%)		\$250.69
		Credit		(\$0.00)
		Total Cost		\$10,005.12

Notes

Notes

User

Time

TRANS

Jonathan
Helms

Mar 14, 2025 2:55
PM

Clean* machine*

High pressure washed machine

Perform* ta1 inspection*

Large performed a ta1 inspection on machine & obtained oil samples. Machine final inspection, add 1 gallon of coolant.

Check* transmission*

Machine brought to shop and staged for inspection. Complaint: apparant coolant leak. Psr taken. Codes in et for transmission. Belly pans removed; machine run until fluid temps within spec. Fill calibration run on all clutches. All aside from clutch 2 were at correct psi according to et procedure. Clutch 2 only held at 410psi. Ran calibration, calibration successful. Belly pans reinstalled. Oil warmed until within temperture. Could not get machine to activate slip codes. Test drove machine. For three hours attempted to get codes to activate by simulating load & none came active.

Replace* shift solenoid*

Belly pans lowered and set aside. Transmission oil drained. Trans pan, pick up tube & clutch 2 solenoids removed. Found metal. Pictures taken & supervisor notified. Was instructed to replace all solenoids. 1-6 removed. Pictures taken. Metal found on all, and

Damage found on one. New solenoids installed. Pick up tube cleaned and installed. New gasket on trans pan installed. Trans pan installed. Oil added to spec. Machine powered on and ensured that trans oil was circulated. Trans oil filter removed & filter cut open. Found small specs of metal in filter. Was instructed to install new filter. Codes cleared, fluid levels checked, and psr taken.

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

8,045.87 hr

Type	Scheduled	Due	Started	Closed
	Mar 14, 2025		Mar 14, 2025 7:36 AM	Mar 14, 2025 7:36 AM

Line	Task	Parts	Labor	Total
1	✓ welding repair	\$0.00	\$625.00	\$625.00
	Technician	Hours	Rate	Cost
	Mobile Metal Works INC	5.0	\$125.00	\$625.00
		Part Cost		\$0.00
		Labor		\$625.00
		Subtotal		\$625.00
		Tax 1 (0.0%)		\$0.00
		Tax 2 (0.0%)		\$0.00
		Credit		(\$0.00)
		Total Cost		\$625.00

Notes**Notes**

repair mount bracket behind cab

User**Time**Jonathan
HelmsMar 18, 2025 7:36
AM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

8,045.87 hr

Type	Scheduled	Due	Started	Closed
	Mar 26, 2025		Mar 26, 2025 1:52 PM	Mar 26, 2025 1:52 PM

Line	Task	Parts	Labor	Total
1	✓ repair	\$1,314.14	\$0.00	\$1,314.14
		Part Cost		\$1,314.14
		Labor		\$0.00
		Subtotal		\$1,314.14
		Tax 1 (0.0%)		\$91.99
		Tax 2 (0.0%)		\$36.15
		Credit		(\$245.55)
		Total Cost		\$1,196.73

Notes

Notes

bolt, nut, washer, pipe, clamps

User

Time

Jonathan
Helms

Mar 31, 2025 1:52
PM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

8,448.7 hr

Type	Created	Scheduled	Due	Started	Closed
	Jun 10, 2025	Jun 10, 2025		Jun 12, 2025 4:41 PM	Jun 12, 2025 4:41 PM

Line	Task	Parts	Labor	Total
1	✓ 1000 HR SERVICE	\$0.00	\$0.00	\$0.00

Notes

Do 500 HR service. Change Torque converter, Transmission, Transfer gear oil. Change Hydraulic oil filter (132-8876 [Q2]); Clean Hydraulic screen. Clean Hydraulic tank strainer. Change Brake oil filter (571-5253); Clean Brake tank strainer.

2	✓ 500 hr service	\$827.61	\$0.00	\$827.61
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Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do inspection.

Part Cost	\$827.61
Labor	\$0.00
Subtotal	\$827.61
Tax 1 (0.0%)	\$57.93
Tax 2 (0.0%)	\$22.76
Credit	(\$0.00)
Total Cost	\$908.30

Notes**Notes**

All filters ordered from CAT.

User**Time**

Jonathan Helms

Jun 10, 2025 7:39 AM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

8,419 hr

Type	Scheduled	Due	Started	Closed
	Jun 17, 2025		Jun 17, 2025 6:45 AM	Jun 17, 2025 6:45 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$18.10	\$0.00	\$18.10
		Part Cost		\$18.10
		Labor		\$0.00
		Subtotal		\$18.10
		Tax 1 (0.0%)		\$1.27
		Tax 2 (0.0%)		\$0.50
		Credit		(\$19.87)
		Total Cost		\$0.00

Notes

Notes

User

Time

band clamp

Jonathan Helms

Jun 18, 2025 6:45 AM

CLOSED**TRANS****ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

8,419 hr

Type	Scheduled	Due	Started	Closed
	Jun 18, 2025		Jun 18, 2025 7:57 AM	Jun 18, 2025 7:57 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$285.45	\$820.25	\$1,105.70
	Technician	Hours	Rate	Cost
	Thompson Machinery	1.0	\$820.25	\$820.25
		Part Cost		\$285.45
		Labor		\$820.25
		Subtotal		\$1,105.70
		Tax 1 (0.0%)		\$77.40
		Tax 2 (0.0%)		\$33.41
		Credit		(\$0.00)
		Total Cost		\$1,216.51

Notes**Notes****User****Time**

Troubleshoot* transmission*

Customer complaint.

Machine has transmission

Codes. Traveled to mt juliet tn. Pulled psr. Machine had inactive event that occurred 10 machine hrs ago, operator said that the machine has been fine ever since.

Checked pressures. All pressures were within spec. Pulled oil sample and checked filter, found no debris or metal in filter. Submitted dsr to make caterpillar aware for machine since service letter for transmisson has not yet been completed.

Jonathan Helms

Jun 19, 2025 7:55 AM

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

8,731.8 hr

Type	Created	Scheduled	Due	Started	Closed
	Oct 3, 2025	Oct 3, 2025		Oct 8, 2025 5:07 PM	Oct 8, 2025 5:07 PM

Line	Task	Parts	Labor	Total
1	✓ 500 hr service	\$0.00	\$0.00	\$0.00

Notes

Change Engine oil & filter (1R-1808); Change Air filters (142-1340) (142-1403); Replace Fuel filters (1R-0749 [Q2]) (326-1643); Change Cab air filters (485-5435) (485-5433); Change transmission oil filter (571-5253); Check all fluid levels. Grease all fittings. Do Inspection.

Part Cost	\$0.00
Labor	\$0.00
Subtotal	\$0.00
Tax 1 (0.0%)	\$0.00
Tax 2 (0.0%)	\$0.00
Credit	(\$0.00)
Total Cost	\$0.00

Notes**Notes**

All filters pulled from stock.

User**Time**

Jonathan Helms

Oct 3, 2025 9:17 AM

CLOSED**ARTICULATED DUMP**

Serial

Tag

Closed Meters

3T602009

8,889.49 hr

Type	Scheduled	Due	Started	Closed
	Dec 22, 2025		Dec 22, 2025 6:45 AM	Dec 22, 2025 6:45 AM

Line	Task	Parts	Labor	Total
1	✓ repair	\$148.34	\$705.00	\$853.34
		Part Cost		\$148.34
		Labor		\$705.00
		Subtotal		\$853.34
		Tax 1 (0.0%)		\$59.73
		Tax 2 (0.0%)		\$23.47
		Credit		(\$0.00)
		Total Cost		\$936.54

Notes

Notes

User

Time

TRANS

Jonathan
Helms

Dec 29, 2025 6:45
AM

Clean* machine* high pressure wash machine

Troubleshoot* transmission*

Checked transmission pressures remove belly pans and removed cat remote pressure monitoring system

Remove & install* transmission*

Customer complaint: transmission slipping

Cause:

Correction: remove and install transmission for took pictures of machine to record prior damage and for warranty.

Drained and retained fluids in covered containers for reuse. Disconnected cab steering lines, electrical connections, and cab tilt jack. Recovered a/c in accordance with local and federal guidelines. Removed cab pins and removed cab. Service brake valve and solenoid group removed. Both pumps removed. Power train/brake cooler removed. Coolant lines removed. Wiring harness disconnected and re-positioned. Oil cooler lines, hydraulic lines, and transmission lines disconnected and re-positioned. Power train filter lines would not come loose on transmission side so it was required to remove them from the filter side. Brake cooling lines needed to be disconnected to reposition and remove filter lines. Drive shaft disconnected from transmission. Coolant brackets disconnected. Power train hard lines disconnected. Transmission drain line disconnected. Bottom bell housing bolts removed. Placed engine flywheel housing on a jack stand. Trans dipstick tube was seized into the transmission and would not come off without damage to tube. Cannon plug connector on transmission was seized with safety wire inside the threads of connector and would not come off without being damaged. Top bell housing bolts removed. Removed transmission. Swapped components to new transmission. Cleaned transmission and took to spec shop. Several hoses needed to be replaced and customer approved. Cleaned all fittings, flanges, and hardware before transmission install due to major dirt and debris buildup. Transmission installed. Transmission side mounts torqued to 340lbft (*standard torque). Drive shaft cleaned and installed with old bolts first, then removed bolts and installed with new bolts (to sink shaft to yoke). Torqued to 100lbft in sequence and marked. Power train cooler and both pumps cleaned. New o-rings ordered for pumps. Power train cooler installed with bracket. Pclamps and harness attached to cooler. Both pumps installed. All lines connected topside. Right pump hard lines from hydraulic tank would not line up with pumps, brackets, and tank lines at the same time. Used rigging tools to get lines to line up. Cab installed. Steering, a/c, and brake lines connected. Vacuum pulled on a/c system for 1 hour. Charged to 2.6lbs in accordance with local and federal guidelines. Hydraulic and brake oil filled. Coolant vacuum filled. Transmission oil filled. Reset trans main relief bias. Performed clutch engagement tests/pressures. All clutches calibrated successfully. Trans fill calibration original failed due to trans temp too high. Coolers were washed out due to major dirt buildup in fins. Reattempted fill cal. Calibration was successful. Pulled psr and uploaded all documents. All ecm software is updated to current versions.

Bore

Set-up and machine the I.D of the bearing after it is installed per cat specs. (two gears)

Womble, LLC

629 - 2019 CAT 745

Work Order 13817

Dalton Wickham

CLOSED

ARTICULATED DUMP

Serial

Tag

Closed Meters

3T602009

8,963.09 hr

Type	Scheduled	Due	Started	Closed
	Apr 7, 2026		Apr 7, 2026 10:15 AM	Apr 7, 2026 10:15 AM

Line	Task	Parts	Labor	Total
1	✓ Battery	\$1,154.20	\$0.00	\$1,154.20
		Part Cost		\$1,154.20
		Labor		\$0.00
		Subtotal		\$1,154.20
		Tax 1 (0.0%)		\$80.79
		Tax 2 (0.0%)		\$31.74
		Credit		(\$0.00)
		Total Cost		\$1,266.73