

J05-4
Jun

Maintenance Work Order

Work Order: 156639
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 6/5/2026

Mechanic Name	Schedule Date	Work Complete?
Zeb Kilcup	2/13/2026	<input checked="" type="checkbox"/>
Noah Johnston	3/27/2026	<input checked="" type="checkbox"/>
Ashley Durrant	4/22/2026	<input checked="" type="checkbox"/>
Brandon Wintoniak	5/8/2026	<input checked="" type="checkbox"/>
Jeff Forbes	5/9/2026	<input checked="" type="checkbox"/>

Equipment ID: 48029
Work Order Job: AV
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat 627F
VIN #
Serial # 1DL00596

Meter Reading: Hours: 5495 on 6/3/2026 by Albert Paradis
Odometer: on by
Last Hour Service (Lifetime): 5155 (5155) on 2/11/2025
Last Odometer Service (Lifetime): on

Problem Description: Rebuild transmission

02/12/2026 - start cleaning up area to be able to remove transmission and begin rebuilding it Zeb K
02/13/2026 - cleaned of bench area to work and began disassembly of transmission Zeb K
02/17/2026 - began removing torque and transmission assembly Zeb K
02/18/2026 - disassemble gear drive assembly off transmission, no major damage, remove and disassemble transmission found number 2 clutch missing all friction material on clutch disks and the plates had all welded together, on further inspection discovered the seal on the piston was not installed correctly and would have not been holding proper pressure on the clutch packs under heavy load, number 2 clutch is engaged during reverse, first gear, and third gear so it gets alot of abuse, continued disassembly Zeb K
02/19/2026 - continued disassembly of trans, disassembled torque and retarder Zeb K
02/20/2026 - continued disassembly and cleaning and began making parts list, alot of shavings went through everything so will need to measure clearances and tolerances Zeb K
02/25/2026 - continue disassembly and cleaning of transmission Zeb K
02/26/2026 - clean up work area, cleaned main shop as a group to tidy up, then continued rebuilding transmission ZebK
02/27/2026 - cleaning parts, had to cut worn clutch plates off in 3 pieces they had shrunk so much, cleaned torque so I could measure components, continued disassembly, went through everything and made a massive parts order Zeb K
03/02/2026 - disassembly of transmission, cleaning everything and taking absolutely everything apart to make sure all metal shavings are removed Zeb K
03/03/2026 - disassembly and clean parts and cases ZebK
03/04/2026 - clean then clean some more of the transmission parts Zeb K
03/05/2026 - continue disassembly and cleaning, took hyd tand apart and cleaned all out as well, removing and begining to replace bearings Zeb k
03/09/2026 - began replacing bearings and rebuilt shift signal linkages, installed new bushings and seals and reassembled, cleaned case and replaced bearings, continue rebuild Zeb K
03/10/2026 - continue rebuilding, changing bearings, cleaned all tank parts, ordered sight glass and grommet before i reassemble, began rebuilding planetary sets Zeb K
03/11/2026 - continue rebuilding and rebearing transmission, went through more parts that showed up and organized my area Zeb K
03/12/2026 - clean and rebuild panetary gears, measured all friction plates and disks to make sure they were in spec and i didnt have to order any more to replace them continued assembly Zeb K
03/13/2026 - clean and rebuild, had a hard time getting one bearing lock pin out of carrier, finish rebuilding planetaries, figured out which jib in yard still needed modification and got into shop, continued rebearing trans Zeb K
03/16/2026 - continue disassembly of components and rebuilding transmission Zeb K
03/17/2026 - rebuild transmission, dcleaning components and reseal and rebearing, clean gears Zeb K

Maintenance Work Order

Work Order: 156639
Priority: Normal
Due Date:

03/19/2026 - pressing and installing bearings on output gear train, getting ready to put it back in case Zeb K
 03/20/2026 - continue changing bearings and rebuilding transmission, measuring clearances on torque converter, stator impeller housings etc Zeb K
 03/23/2026 - took torque housing to drill press and modified it to a new spec caterpillar wanted changed for more clamping force on the drive hub, had to drill the holes .025 deeper than chamfer the upper edges to a larger diameter so the threads were not all the way up to the mounting surface, then tap the holes deeper again so longer bolts could be installed, as well as various tasks helping around the shop Zeb K
 03/24/2026 - measured all parts and clearances inside torque to be sure within spec, all were good, cleaned up mating edges and began reassembly, also various other tasks around the shop Zeb K
 03/25/2026 - assembled torque and got case bolted back together to install it into, changed bearing in idler gear for trans pump, continued rebuild, Zeb K
 03/26/2026 - Clean and reassemble parts, assist Zeb. installed torque into case, installed new oil pump, got noah cleaning and reassembling hydraulic tank for the system, new sight glass, began taking down valves and cleaning and inspect and reassemble Zeb k Noah J.
 03/27/2026 - continue disassembling valving and cleaning, inspecting and reassemble, had noah cleaning parts and helping, ran through some procedures with him, various other things around shop, figured out pin sizes to be correct on some other booms Zeb K
 03/30/2026 - rebuild transmission, assemble output gear drive and get backlash set properly Zeb K
 03/31/2026 - continue going through valving, cleaning, removing everything stuck in valves, polishing and reassembly Zeb K
 04/01/2026 - disassembled main control valve, so much stuff through it that had to fight to even get some of the valves out, was all very fine so didnt cause much damage but had to polish everything up and clean very thoroughly, also had to lap sand the mating surfaces where they stack together help Noah with his tasks Zeb K
 04/02/2026 - reassembled valve and began cleaning and assembling main transmission parts, hepled Noah Zeb K
 04/03/2026 - helped noah with tasks and continued cleaning and assembly of transmission, so much filing have gone through this thing it is worst one i have ever cleaned, couldnt even clean screens enough that i ordered new Zeb K
 04/06/2026 - clean up and finished assembling transmission clutches up until the point i needed the parts i was waiting for Zeb K
 04/22/2026- Install flywheel. Torque to spec. Check run out and bore run out. Both within spec. Continued with transmission assembly. AshleyD
 04/23/2026- final measurements on parts and continued assembly Zeb K
 04/28/2026 - continue assembly of transmission, the amount of cleaning from the filings going through it was crazy everything needed scrubbing, helped noah with tasks around shop Zeb
 04/29/2026 - Clean various parts for Zeb, assist where I could. Noah J.
 04/29/2026 - continue on transmission and helping noah Zeb
 04/30/2026 - continue transmission and helping noah with jobs Zeb
 05/04/2026 - finish assembling transmission, installed torque and everything together, missing one o ring that i was pretty sure wasnt necessary but hard to confirm, help noah Zeb K
 05/05/2026 - built o ring for missing one, installed torque to trans, installed control valving and everything i could before installing trans Zeb K
 05/06/2026 - Clean tubes and flat surfaces, replace all orings. Help stab tranny into place. Brandon W.
 05/06/2026 - installed assembly to engine and began installing rest of components ZebK
 05/07/2026 - continue finishing up, couldnt find screen ordered, found old one that was damaged, had to unsolder one and build a new one, assembled tank and began on hoses Zeb K
 05/08/2026 - finish assembly, had to find fittings to install one hose, built hose, installed electrical, got it ready to ship, clean up work area Zeb k
 05/09/2026 - Load Clint with Transmission. Brandon W, Jeff F.

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	2-100 Engine		7.00	0.00	0.00
	5-200				
Repair	Transmission/Clutch		242.50	0.00	0.00
	5-200				
Repair	Transmission/Clutch:5-202 Torque		90.00	0.00	0.00

Maintenance Work Order

Work Order: 156639
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used
1AA12FR10	Hydraulic:Hose Fitting	Each	2
GH120-10	5/8" 2 wire Arctic hose	Foot	2

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 150581
Priority: Normal
Due Date:

PM 2 (500 Hour)

Check cab air filter/Change if necessary
 SOS transmission oil
 SOS hydraulic oil
 SOS final drive oil
 Change fuel filters
 Change air filters
 2/9/25 Hank

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-401 PM 1 (500 Hour)		3.00	0.00	0.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		3.00	0.00	0.00
Perform	1-400 PM:1-403 PM 3 (1,000 Hour)		6.00	0.00	0.00
Perform	1-400 PM:1-404 PM 4 (2,000 Hour)		3.00	0.00	0.00
Perform	1-400 PM:1-405 PM 5 (4,000 Hour)		4.00	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used	
1R-0732	Hydraulic Filter	Each		2
1R-0749	Fuel Filter	Each		1
1R-1807	Oil Filter	Each		1
1R-1808	Oil Filter	Each		1
343-4464	Filter:Hydraulic Filter	Each		2
6I-0273	Air Filter	Each		1
6I-0274	Filter:Air Filter	Each		1
6I-2507	Filter:Air Filter	Each		1
DURON 5W40	5W 40 Engine Oil	Each		210
P551313	Filter:Fuel Filter	Each		1
THF J20C	hydraulic oil	Each		90
TRAXON E 75W90	Gear Oil - Synthetic	Litre		190

Cost Ledger:

Maintenance Work Order

Work Order: 150581
Priority: Normal
Due Date:

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 148269
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT	
Install	5-400 Hydraulic:5-401 Cylinder		19.00	0.00	0.00
Perform	1-100 Overhead		5.00	0.00	0.00
Perform	3-100 Electrical/Keys:3- 106 Boosting/Chargin g		2.00	0.00	0.00
Perform	5-400 Hydraulic:5-401 Cylinder		35.00	0.00	0.00
Remove	4-100 Body		8.00	0.00	0.00
Remove	5-400 Hydraulic:5-401 Cylinder		16.00	0.00	0.00
Repair	2-100 Engine		12.00	0.00	0.00
Repair	2-100 Engine:2- 101 Air System		3.00	0.00	0.00
Repair	2-100 Engine:2- 103 Cooling System		6.00	0.00	0.00
Repair	2-100 Engine:2- 106 Fuel System		10.00	0.00	0.00
Repair	3-100 Electrical/Keys:3- 105 Wiring		4.00	0.00	0.00
Repair	4-100 Body:4- 102 Cab/Body/Deck		3.50	0.00	0.00
Repair	5-100 Drivetrain:5-102 Brake		7.00	0.00	0.00
Repair	5-400 Hydraulic		22.00	0.00	0.00
Replace	4-100 Body:4- 102 Cab/Body/Deck		1.00	0.00	0.00
Replace	8-100 Attachment:8-107 Ground Engaging Tool		3.00	0.00	0.00
Travel	9-915 Mechanic Travel Time		13.00	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used	
----------	------	-----	----------	--

Maintenance Work Order

Work Order: 148269
Priority: Normal
Due Date:

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 148166

Priority: Normal

Due Date:

Status: Closed

Status Date: 10/7/2024

Scheduling:

Mechanic Name	Schedule Date	Work Complete?
Ramonito Najera	10/4/2024	<input checked="" type="checkbox"/>

Equipment ID: 48029
 Work Order Job: 41-24-K0524
 Current Job: 0003
 Current Location: 0003
 Equipment Foreman:
 Work Order Foreman:

Description: Cat 627F
 VIN #
 Serial # 1DL00596

Meter Reading: Hours: 4890 on 10/7/2024 by Joel Bouvier
 Odometer: on by
 Last Hour Service (Lifetime): 4890 (4890) on 10/7/2024
 Last Odometer Service (Lifetime): on

Problem Description: PM 1 (500 Hour)

- Change engine oil
- SOS engine oil
- Change engine oil filter
- Check engine air filter / Change if necessary
- Check all final drive oil levels
- Check hydraulic oil level
- Check transmission oil level
- Check antifreeze level
- Lubricate all grease points
- Check autolube grease level (If equipped)
- Perform visual inspection

 PM 2 (500 Hour)

- Check cab air filter/Change if necessary
- SOS transmission oil
- SOS hydraulic oil
- SOS final drive oil
- Change fuel filters
- Change air filters

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-401 PM 1 (500 Hour)		1.00	0.00	0.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		1.00	0.00	0.00
Travel	9-915 Mechanic Travel Time		2.00	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used	
1R-0749	Fuel Filter	Each		1

Maintenance Work Order

Work Order: 148166
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used
1R-1807	Oil Filter	Each	1
1R-1808	Oil Filter	Each	1
6I-2507	Filter:Air Filter	Each	1
6I-2508	Inner air filter	Each	1
DURON 5W40	5W 40 Engine Oil	Each	80
P551313	Filter:Fuel Filter	Each	1

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 144978

Priority: Normal

Due Date:

Status: Closed

Status Date: 3/25/2024

Scheduling:

Mechanic Name	Schedule Date	Work Complete?
Joel Bouvier	2/27/2024	<input checked="" type="checkbox"/>
Kolten Meagher	2/26/2024	<input checked="" type="checkbox"/>

Equipment ID: 48029
 Work Order Job: AV
 Current Job: 0003
 Current Location: 0003
 Equipment Foreman:
 Work Order Foreman:

Description: Cat 627F
 VIN #
 Serial # 1DL00596

Meter Reading: Hours: 4415 on 2/27/2024 by Joel Bouvier
 Odometer: on by
 Last Hour Service (Lifetime): 4415 (4415) on 2/27/2024
 Last Odometer Service (Lifetime): on

Problem Description: Perform PM1 / PM2 / PM3 / PM4 / PM5

PM 5 (4,000 Hour)

Check fuel system
 2/27/24 kolten

PM 4 (2,000 Hour)

Engine valve set
 Check pump pressures
 Check hydraulic oil
 Check transmission oil
 Check any attachment oil
 2/26/24 kolten

PM 3 (1,000 Hour)

Check antifreeze strength
 Change final drive oil
 Change hydraulic filters
 Change antifreeze filter
 2/26/24 kolten
 2/28/24 kolten

PM 1 (500 Hour)

Change engine oil
 SOS engine oil
 Change engine oil filter
 Check engine air filter / Change if necessary
 Check all final drive oil levels
 Check hydraulic oil level
 Check transmission oil level
 Check antifreeze level

Maintenance Work Order

Work Order: 144978
Priority: Normal
Due Date:

Lubricate all grease points
 Check autolube grease level (If equipped)
 Perform visual inspection
 2/26/24 kolten

 PM 2 (500 Hour)

Check cab air filter/Change if necessary
 SOS transmission oil
 SOS hydraulic oil
 SOS final drive oil
 Change fuel filters
 Change air filters

2/26/24 kolten

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-401 PM 1 (500 Hour)		3.00	0.00	0.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		3.00	0.00	0.00
Perform	1-400 PM:1-403 PM 3 (1,000 Hour)		5.00	0.00	0.00
Perform	1-400 PM:1-404 PM 4 (2,000 Hour)		6.00	0.00	0.00
Perform	1-400 PM:1-405 PM 5 (4,000 Hour)		3.00	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used
121-2760	Filter	Each	1
1R-0732	Hydraulic Filter	Each	2
1R-0749	Fuel Filter	Each	1
1R-0750	Fuel Filter	Each	2
1R-1807	Oil Filter	Each	5
1R-1808	Oil Filter	Each	1
343-4464	Filter:Hydraulic Filter	Each	2
6I-0273	Air Filter	Each	1
6I-2507	Filter:Air Filter	Each	1
6I-2508	Inner air filter	Each	1
AF25132	Air Filter	Each	1

Maintenance Work Order

Work Order: 144978
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used
DURON 5W40	5W 40 Engine Oil	Each	216
THF J20C	hydraulic oil	Each	305
TRAXON E 75W90	Gear Oil - Synthetic	Litre	258

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 141898

Priority: Normal

Due Date:

Status: Closed

Status Date: 8/28/2023

Scheduling:

Mechanic Name	Schedule Date	Work Complete?
Travis Luker	8/26/2023	<input checked="" type="checkbox"/>

Equipment ID: 48029

Description: Cat 627F

Work Order Job: 41-23-K0515

VIN #

Current Job: 0003

Serial # 1DL00596

Current Location: 0003

Equipment Foreman:

Work Order Foreman:

Meter Reading: Hours: 3875 on 8/16/2023 by Albert Paradis

Odometer: on by

Last Hour Service (Lifetime): 3875 (3875) on 8/28/2023

Last Odometer Service (Lifetime): on

Problem Description: PM 1 (500 Hour)

- Change engine oil
- SOS engine oil
- Change engine oil filter
- Check engine air filter / Change if necessary
- Check all final drive oil levels
- Check hydraulic oil level
- Check transmission oil level
- Check antifreeze level
- Lubricate all grease points
- Check autolube grease level (If equipped)
- Perform visual inspection

PM 2 (500 Hour)

- Check cab air filter/Change if necessary
- SOS transmission oil
- SOS hydraulic oil
- SOS final drive oil
- Change fuel filters
- Change air filters
- Perform- Pm1 & Pm2 08/27/23 TRavis

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-401 PM 1 (500 Hour)		4.50	0.00	0.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		4.50	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used
1R-0749	Fuel Filter	Each	1
1R-0750	Fuel Filter	Each	1

Maintenance Work Order

Work Order: 141898
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used
1R-1807	Oil Filter	Each	1
1R-1808	Oil Filter	Each	1
6I-0273	Air Filter	Each	1
6I-2507	Filter:Air Filter	Each	1
6I-2508	Inner air filter	Each	1
DURON 5W40	5W 40 Engine Oil	Each	80

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 140354

Priority: Normal

Due Date:

Status: Closed

Status Date: 10/8/2023

Scheduling:

Mechanic Name	Schedule Date	Work Complete?
Donald Van Riesen	6/6/2023	<input checked="" type="checkbox"/>
Austin Gilbertson	6/16/2023	<input checked="" type="checkbox"/>
Kolten Meagher	6/27/2023	<input checked="" type="checkbox"/>
Joel Bouvier	7/13/2023	<input checked="" type="checkbox"/>
Kevin Wolfe	7/14/2023	<input checked="" type="checkbox"/>
Travis Luker	7/29/2023	<input checked="" type="checkbox"/>

Equipment ID: 48029
 Work Order Job: 41-23-K0515
 Current Job: 0003
 Current Location: 0003
 Equipment Foreman:
 Work Order Foreman:

Description: Cat 627F
 VIN #
 Serial # 1DL00596

Meter Reading: Hours: 4170 on 10/4/2023 by Albert Paradis
 Odometer: on by
 Last Hour Service (Lifetime): 3875 (3875) on 8/28/2023
 Last Odometer Service (Lifetime): on

Problem Description: Hydraulic system Repair

Perform - Repair hyd leak on neck. 6/1/23 Hank
 Troubleshoot - cushion hitch and bail working intermittently check pressures. travel to Acadia Valley to take hyd pump off 48-024 then travel back to Buffalo. 6/5/23 Hank
 Remove - cushion hitch hyd pump and install pump off 48-024. 6/6/23 Hank
 Perform - cushion hitch and bail stopped working. check pressures and disassemble control valves to check for debris and broken springs. 6/8/23 Hank
 Perform - checking hyd valves. Found line relief valve was stuck open. 6/9/23 Hank
 Install - guards and covers that were removed for Hyd repairs. 6/10/23 Hank
 Travel - to unit and modify apron so it wont rub on the fuel tank. 6/13/23 Hank
 JB Weld hole in fuel tank, line steps with silicone hose to prevent rubbing on front of tank. Later, Diagnose hydraulic failure - Pump has failed. n6/16/23 Austin G
 Return to unit and confirm mode of failure - input shaft has snapped 6/17/23 Austin G
 Replace - main hyd pump, prime pump fill with oil and move machine to level ground. 6/20/23 Hank
 Rebuild hydraulic pump. 6/26/23 kolten
 Replace - leaking hyd hoses. 6/29/23 Hank
 Load up supplies and parts for job, travel to site 7/3/23 Austin G
 Travel to site. Hour meter has ran up 500+ hours in less than a month (Found out about issue from other tech/operators). Troubleshoot wiring. Hour meter has signal power, not constant. Look at filters, wrong hours were written on sticker and hour meter is functioning properly 7/6/23 Austin G
 Cushion hitch and bail not functioning. Travel to unit, verify problem. Drop stump pan and inspect relief valve housing. Find harness that has rubbed out on corner because P-clamp was not bolted down. Repair wire bolt harness down and replace blown fuse. Test. 7/9/23 Austin G
 Cushion hitch and bail cylinder stopped working again. Pin out wiring. Found missing connection between two relays on fuse panel - no copper inside wiring, appears to have melted from the short. Repair. continue tracing wiring and find harness crushed between cushion hitch cylinder and frame. Extract crushed harness, repair wires. Use P-clamps on harness to secure to neck so it doesnt happen again. test. 7/10/23 Austin G
 Bowl control lever came unmounted, disassemble control and reinstall pin in controls and install second retainer that had fallen off 7/11/23 Austin
 Travel to unit and grease brake, graphite S-cam and get brake to release, blow out rear radiators 7/13/23 Austin G
 Weld - Cracks on apron arm bracket, blow out filters July 13 - Joel
 Perform - Exhaust leak July 14 - Kevin
 Diagnose and repair fuel system restriction, fuel line had been jammed against frame by rock 7/18/23 Austin G
 Perform - charge A/C. 7/22/23 Hank
 Replace leaking O-ring on oil pan 7/23/23 Austin

Maintenance Work Order

Work Order: 140354
Priority: Normal
Due Date:

Get service intervals and stickers sorted out 7/25/23 Austin G
 inspect- check planetary and differentials and all oil levels-07-29-23 Travis
 Replace- Cutting edges and hardware buff of new blades and scraper edges. 07-31-23 Travis
 Perform - Blow out blow engine air filter + cabin - 08-04-23 Travis
 Perform - Boosted rear engine and blow out air filters and cabin - 08-08-23 Travis
 Perform - Called to unit about a rub point on the neck of the cushion hitch, has noticeable rub point advised operator to not crank to the one side so hard dont have to hit the bump stops -08-09-23 Travis
 Perform - Called to unit for oil leak noticed on rear engine the starter gasket is leaking, tighten up couple grease lines , measured bomp stop so we can get metal plate to weld on- 08-15-23 Travis
 Perform - Check cutting edges and hour readings HR 3892 NDS 3970
 Perform- Collect serial number off rear engine to order parts,08-18-23 Travis
 Perform- Travel for parts-08-19-23 Travis
 Inspect- holes worn in bowl. 8/17/23 kolten
 Perform- look at exhaust leak. exhaust manifold gasket is blown out. ordered a new one. 8/18/23 kolten
 Perform- replace exhaust manifold gaskets. 8/20/23 kolten +Travis
 Perform - front engine wont start, boost engine. 8/26/23 Hank
 Perform- Travel for parts,08/26/23 Travis
 Perform- hydraulic line install new one.058/27-23 Travis
 Perform- Back engine had a leak tighten up lines and cleaned up mess,08/28/23 Travis
 Repair - broken supports on rear of scraper and install back on unit. 8/29/23 Hank
 Install- Robbed blower motor from 48-025, 09/06/23 Travis
 Replace - broken bolts on back shrouds, and repair rubbed through wiring under cab. 9/6/23 Hank
 Perform- Drop center edge & Pull seat to repair broke air seat replace wires and connections 09/08/23 Travis
 Perform- Drop rear engine coolant removed thermostat had wrong thermostat put back together and fill coolant and order new part, 09/10/23 Travis,
 Perform- Removed and replace grease lines and grease unit 09/12/23 Travis
 Repair - broken hand rail and mount back on unit. 9/16/23 Hank
 Travel- for parts 09/15/23 Travis
 Replace - thermostat, drained coolant and refilled. 9/17/23 Hank
 Repair - hyd leak on bowl lift cyl. 9/26/23 Hank
 Perform- Filp cutting edges 09/28/23 Travis, Hank

Labor Items:

Work Code	Item Code	ST	OT	DT	
Adjust	5-100 Drivetrain:5-102 Brake		2.00	0.00	0.00
Clean	2-100 Engine:2- 101 Air System		2.00	0.00	0.00
Clean	2-100 Engine:2- 103 Cooling System		1.00	0.00	0.00
Cutting/Welding	4-100 Body:4- 103 Frame		3.50	0.00	0.00
Inspect	2-100 Engine		5.00	0.00	0.00
Inspect	4-100 Body		1.00	0.00	0.00
Inspect	5-100 Drivetrain:5-104 Final Drive/Transfer Case		3.00	0.00	0.00
Install	4-100 Body:4- 102 Cab/Body/Deck		9.00	0.00	0.00

Maintenance Work Order

Work Order: 140354
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT	
Install	8-100 Attachment:8-107 Ground Engaging Tool		7.00	0.00	0.00
Modification	4-100 Body:4- 102 Cab/Body/Deck		5.00	0.00	0.00
Perform	1-100 Overhead		3.50	0.00	0.00
Perform	1-400 PM		1.00	0.00	0.00
Perform	2-100 Engine:2- 103 Cooling System		2.00	0.00	0.00
Perform	2-100 Engine:2- 104 Exhaust System		11.50	0.00	0.00
Perform	3-100 Electrical/Keys:3- 106 Boosting/Chargin g		4.00	0.00	0.00
Perform	4-100 Body:4- 101 Air Conditioning		2.00	0.00	0.00
Perform	5-400 Hydraulic:5-402 Hose		3.00	0.00	0.00
Perform	8-100 Attachment:8-107 Ground Engaging Tool		6.00	0.00	0.00
Repair	2-100 Engine		6.00	0.00	0.00
Repair	2-100 Engine:2- 106 Fuel System		2.00	0.00	0.00
Repair	3-100 Electrical/Keys:3- 105 Wiring		2.50	0.00	0.00
Repair	4-100 Body:4- 102 Cab/Body/Deck		2.50	0.00	0.00
Repair	5-400 Hydraulic		2.50	0.00	0.00
Repair	5-400 Hydraulic:5-401 Cylinder		3.00	0.00	0.00
Repair	5-400 Hydraulic:5-402 Hose		4.50	0.00	0.00
Repair	5-400 Hydraulic:5-404 Pump		1.50	0.00	0.00
Replace	2-100 Engine:2- 103 Cooling System		2.50	0.00	0.00

Maintenance Work Order

Work Order: 140354
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT	
Replace	5-400 Hydraulic:5-404 Pump		8.00	0.00	0.00
Replace	8-100 Attachment:8-116 Automatic Greasing System		3.00	0.00	0.00
Travel	9-915 Mechanic Travel Time		30.50	0.00	0.00
Troubleshoot/Dia gnose	2-100 Engine:2- 106 Fuel System		2.00	0.00	0.00
Troubleshoot/Dia gnose	3-100 Electrical/Keys		3.00	0.00	0.00
Troubleshoot/Dia gnose	3-100 Electrical/Keys:3- 105 Wiring		4.00	0.00	0.00
Troubleshoot/Dia gnose	5-400 Hydraulic		19.50	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used
DURON 5W40	5W 40 Engine Oil	Each	200

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes:

Maintenance Work Order

Work Order: 139563

Priority: Normal

Due Date:

Scheduling:

Status: Closed

Status Date: 5/31/2023

Mechanic Name	Schedule Date	Work Complete?
Austin Gilbertson	4/24/2023	<input checked="" type="checkbox"/>
Kolten Meagher	4/24/2023	<input checked="" type="checkbox"/>

Equipment ID: 48029
Work Order Job: AV
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat 627F
VIN #
Serial # 1DL00596

Meter Reading: Hours: 2988 on 4/17/2023 by Robyn Pregitzer
Odometer: on by
Last Hour Service (Lifetime): 2988 (2988) on 4/23/2023
Last Odometer Service (Lifetime): on

Problem Description: Perform PM1 / PM2 / PM3 / PM4 / PM5

PM 5 (4,000 Hour)

Check fuel system

PM 4 (2,000 Hour)

Engine valve set
Check pump pressures
Check hydraulic oil
Check transmission oil
Check any attachment oil
4/23/23 kolten

PM 3 (1,000 Hour)

Check antifreeze strength
Change final drive oil
Change hydraulic filters
Change antifreeze filter
4/23/23 kolten

PM 1 (500 Hour)

Change engine oil
SOS engine oil
Change engine oil filter
Check engine air filter / Change if necessary
Check all final drive oil levels
Check hydraulic oil level
Check transmission oil level
Check antifreeze level
Lubricate all grease points
Check autolube grease level (If equipped)
Perform visual inspection
4/23/23 kolten

Maintenance Work Order

Work Order: 139563
Priority: Normal
Due Date:

PM 2 (500 Hour)

Check cab air filter/Change if necessary

SOS transmission oil

SOS hydraulic oil

SOS final drive oil

Change fuel filters

Change air filters

4/23/23 kolten

Change front transmission, differential and final drive oils. check and clean magnetic and suction screens.

Remove painted over sight glasses and clean, differential sight glass is cracked, epoxied crack and will order new glass. Drain rear differential oil, drain rear transmission resevoir. perform visual inspection on unit and get list started 4/22/23 Austin/ kolten

Replace front and rear transmission filters, change both engine fuel filters, change front and rear coolant on unit, repair 2x leaking hydraulic lines, fill rear powertrain and differential oils. Diagnose and repair wiring causing horn not to work. Diagnose and repair seat electrical.4/22/23 Austin/ kolten

Remove old decals, change cab air filters.4/23/22 kolten

Top up fluids 5/7/23 Austin

Labor Items:

Work Code	Item Code	ST	OT	DT	
Adjust	5-400 Hydraulic		1.00	0.00	0.00
Perform	1-300 Safety		4.00	0.00	0.00
Perform	1-400 PM:1-401 PM 1 (500 Hour)		1.00	0.00	0.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		2.00	0.00	0.00
Perform	1-400 PM:1-403 PM 3 (1,000 Hour)		6.00	0.00	0.00
Perform	1-400 PM:1-404 PM 4 (2,000 Hour)		6.00	0.00	0.00
Perform	1-400 PM:1-405 PM 5 (4,000 Hour)		5.00	0.00	0.00
Repair	3-100 Electrical/Keys:3- 105 Wiring		2.00	0.00	0.00
Troubleshoot/Dia gnose	3-100 Electrical/Keys:3- 105 Wiring		3.00	0.00	0.00

Parts List:

Part Num	Name	UOM	Qty Used	
DURON 5W40	5W 40 Engine Oil	Each		420
HDAF	Heavy Duty AF	Each		725
TRAXON E 75W90	Gear Oil - Synthetic	Litre		450

Maintenance Work Order

Work Order: 139563
Priority: Normal
Due Date:

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
------	---------	-------------	----------------

Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
----------	-------------	-----------	-------	----------

Notes: