

Maintenance Work Order

Work Order: 152435
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 7/8/2025

Mechanic Name	Schedule Date	Work Complete?
Matthew Clarke	5/13/2025	☒
Tom Sacco	5/13/2025	☒
Adam Villeneuve	5/13/2025	☒
Nathan Burgemeister	5/13/2025	☒
Shawn DeGuzman	5/26/2025	☒
Donghyoun Park	6/11/2025	☒

216-25
SEP

Equipment ID:	46177	Description:	Cat D6 LGP VPAT Ripper
Work Order Job:	SWP	VIN #	
Current Job:	0003	Serial #	CAT000D6JRDC00806
Current Location:	0003	License Plate #	
Equipment Foreman:		Make:	Caterpillar
Work Order Foreman:		Model:	D6
		Carrier Name:	

Meter Reading: Hours: 5475 on 5/20/2025 by Albert Paradis
Odometer: on by
Last Hour Service (Lifetime): 5475 (5475) on 6/9/2025
Last Odometer Service (Lifetime): on

Problem Description: Perform an ERI inspection / PM-3 / PM-4 emission / PM-4

- advise of any and all repairs required
- Finning to perform under carriage inspection, appears track is stretched
- winter cleats/corks to be removed

PM 3 (1,000 Hour)

Check antifreeze strength
Change final drive oil
Change hydraulic filters
Change transmission filter
Change antifreeze filter

Tier 4 Emission Maintenance (Cat)

Perform Tier 4 emission maintenance as per manufacturer recommendations.

Refer to "Documents" tab for planned maintenance checklist.

PM 4 (2,000 Hour)

Engine valve set
Check pump pressures
Check hydraulic oil
Check transmission oil
Check / clean transmission suction screen

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Check any attachment oil

May 12/25 - Adam V - 5.5 hrs
- set up, cut off ice lugs, clean up
- remove stump pans

05/13/2025 - Nathan B 8hrs
Washed exterior

05/26/2025 - Shawn DG 7hrs
preasure wash unit underneat and exterior

May 26/25 - Adam V - 1.5 hrs
- move unit to wash bay, move stump pans to wash bay, set up for washing

05/27/2025 - Nathan B 1.5hr
-washed treads

May 27/25 - Adam V - 10 hrs

- remove track rails, move to wash bay for cleaning, coil up and load up onto trailer, Remove LH sprocket
(Note they where welded in place, start to remove RH sprocket (note welded in place)

May 28/25 - Adam V - 10 hrs

- cut sprocket apart, remove, clean up surface on final drive, unfold new tracks, align with unit, push under and install onto machine, went to install master link pad noticed bolt holes not aligning, found we had the incorrect pad for the new rail set. install hardware on rail at masterlink, install ripper shanks

- help remove cutting edges and clean up surfaces, flip centers and install new corner bits

May 29/25 - Adam V - 8 hrs

- install new fire extinguisher
- install new first aid kit

- start to remove the hood assembly to access the DOC
- Blade angle cylinder, press out rod end pin to replace bushing and pin

May 30/25 - Adam V - 10 hrs

- install master link pads and new hardware
- reinstall blade angle cylinder rod end pin
- install stump pans
- reinstall hood and doors

06/09/2025 - Nathan B - 8hr
-Started exterior wash

06/10/2025 -Nathan B - 8hr
-Washed exterior

June 11/25 - Adam V - 10 hrs
- move unit into shop, remove hood, doors, take unit back to wash bay, wash off engine, move back to shop, unhook DOC, and remove.

2025/06/11 Donghyoun Park 3 hrs
Assisted to get exhaust out of the unit

June 12/25 - Adam V - 10 hrs

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- remove LH DEF tank/battery armor, dig out all the dirt/mud to access DEF components, change out DEF pump filter, DEF tank heater lift pump pre filter sock, remove battery cables, clean terminals, load test batteries, found 1 - 10.89 volt load tested, other 10.98 standing voltage, recommend replacing too Tom, sent part number to Tom, remove batteries, help co worker with replacing trans cooler line.

2025/06/12 Donghyoun Park 9.5 hrs

Opened floor cover to replace leaking hose
Drained fluid from transmission drain valve and torque converter drain valve
Replaced leaking hose
Replaced transmission fluid filter
Removed one of batteries
Removed lower body rear protection cover to reach drain plug and to remove broken bolt on it

May 13/25 - Adam V - 10 hrs

- train/educate co worker on how to drain trans/torque/ bevel gear housing, and refill, how to do a valve set, turn engine over to TDC1 & 6

2025/06/13 Donghyoun Park 9 hrs

Drained rest of transmission fluid
Filled transmission fluid, 5w-40
Cleaned and removed valve cover, cleaned around valve cover sitting area and covered it
Checked manual and looked for access to turn engine
Removed some parts on left rear side of engine and removed cover
Tool is needed to turn engine
Looked for and found fallen fasteners
Removed grease lines on hydraulic cylinder that turns blade left and right
Removed pins and spacers from one side of the cylinder

June 16/25 - Adam - 3 hrs

- pick up DOC/DPF from cleaning shop
- look up parts needed for DPF, angle blade cylinder
- help co worker with changing out cylinder bearings

2025/06/16 Donghyoun Park 4.5 hrs

Removed rod side cylinder bearing using torch
Cleaned and installed bearing on rod side cylinder
Removed barrel side cylinder bearing using torch
Cleaned mounting surface and checked parts, parts needed to be ordered

June 18/25 - Adam V - 4 hrs

- install new 4D batteries Qty 2, marked hours on them for reference, install all the panels/guarding for battery replacement
- replace rod end bushing and snap rings on blade tilt cylinder, help co worker install the cylinder, hook up auto greaser lines to cylinder
- replace auto greaser

2025/06/18 Donghyoun Park 2 hrs

Installed cylinder back after replacing its rod end bearings

June 19/25 - Adam V - 6 hrs

- engine valve set, set to man spec, install valve cover,
- adjust track tension

2025/06/19 Donghyoun Park 1.5 hr

Replaced DPF and installed DOC back on
Installed rear low body protection covers back on, replaced 2 bolts

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June 23/25 - Adam V - 8.5 hrs

- install DOC/DPF, hook up, fill transmission, move outside, walk unit back and forth to get unit hot, and check for leaks

06/24/2025 - Nathan B - 8hr

-Washed cab, underside and treads

06/26/2025 - Nathan B - 8hr

Washed treads

06/27/2025 - Nathan B - 2hr

-Exterior wash

July 2/25 - Adam V - 6 hrs

install hood/panels, stump pans

take to wash bay set up to wash undercarraige

07/03/2025 - Shawn DG 9hrs

- preassure wash unit

Labor Items:

Work Code	Item Code	ST	OT	DT	
	1-100 Overhead:1				
	-107				
Clean	Washing/Steamin g/Detailing	74.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
05/12/2025	Matthew Clarke	2.00	0.00	0.00	2.00
05/13/2025	Matthew Clarke	2.00	0.00	0.00	2.00
05/13/2025	Nathan Burgemeister	8.00	0.00	0.00	8.00
05/26/2025	Shawn DeGuzman	7.00	0.00	0.00	7.00
05/26/2025	Adam Villeneuve	1.50	0.00	0.00	1.50
05/27/2025	Nathan Burgemeister	1.50	0.00	0.00	1.50
06/09/2025	Matthew Clarke	2.00	0.00	0.00	2.00
06/09/2025	Nathan Burgemeister	8.00	0.00	0.00	8.00
06/10/2025	Nathan Burgemeister	8.00	0.00	0.00	8.00
06/11/2025	Adam Villeneuve	2.00	0.00	0.00	2.00
06/12/2025	Adam Villeneuve	2.00	0.00	0.00	2.00
06/24/2025	Nathan Burgemeister	8.00	0.00	0.00	8.00
06/26/2025	Nathan Burgemeister	8.00	0.00	0.00	8.00
06/27/2025	Nathan Burgemeister	2.00	0.00	0.00	2.00
07/03/2025	Shawn DeGuzman	9.00	0.00	0.00	9.00
07/03/2025	Adam Villeneuve	3.00	0.00	0.00	3.00
	2-100 Engine:2-				
Install	109 Tier 4 Emission	7.00	0.00	0.00	

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Labor Items:

Work Code	Item Code	ST	OT	DT		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
06/19/2025	Donghyoun Park	1.00	0.00	0.00	1.00	
07/02/2025	Adam Villeneuve	6.00	0.00	0.00	6.00	
Install	4-100 Body	0.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
06/19/2025	Donghyoun Park	0.50	0.00	0.00	0.50	
Install	5-300 Undercarriage:5-306 Track Group	10.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/28/2025	Matthew Clarke	8.00	0.00	0.00	8.00	
05/30/2025	Matthew Clarke	2.00	0.00	0.00	2.00	
Perform	1-300 Safety:1-304 Equipment Readiness Inspection	6.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/12/2025	Matthew Clarke	6.00	0.00	0.00	6.00	
Perform	1-400 PM:1-405 PM 5 (4,000 Hour)	55.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/29/2025	Adam Villeneuve	4.00	0.00	0.00	4.00	
06/11/2025	Adam Villeneuve	8.00	0.00	0.00	8.00	
06/11/2025	Donghyoun Park	3.00	0.00	0.00	3.00	
06/12/2025	Adam Villeneuve	6.00	0.00	0.00	6.00	
06/12/2025	Donghyoun Park	8.50	0.00	0.00	8.50	
06/13/2025	Adam Villeneuve	5.00	0.00	0.00	5.00	
06/13/2025	Donghyoun Park	6.00	0.00	0.00	6.00	
06/19/2025	Adam Villeneuve	6.00	0.00	0.00	6.00	
06/23/2025	Adam Villeneuve	8.50	0.00	0.00	8.50	
Perform	3-100 Electrical/Keys:3-102 Battery	1.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
06/18/2025	Adam Villeneuve	1.50	0.00	0.00	1.50	
Perform	5-200 Transmission/Clutch	5.00	0.00	0.00		
06/12/2025	Adam Villeneuve	5.00	0.00	0.00	5.00	

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Work Code	Item Code	ST	OT	DT		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
06/13/2025	Adam Villeneuve	5.00	0.00	0.00	5.00	
Perform	8-100 Attachment:8-101 Blade	6.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/28/2025	Matthew Clarke	2.00	0.00	0.00	2.00	
05/28/2025	Adam Villeneuve	1.50	0.00	0.00	1.50	
06/16/2025	Adam Villeneuve	1.50	0.00	0.00	1.50	
06/18/2025	Adam Villeneuve	1.50	0.00	0.00	1.50	
Remove	1-400 PM:1-405 PM 5 (4,000 Hour)	5.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/30/2025	Adam Villeneuve	4.00	0.00	0.00	4.00	
06/16/2025	Adam Villeneuve	1.50	0.00	0.00	1.50	
Remove	4-100 Body:4-102 Cab/Body/Deck	1.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/12/2025	Adam Villeneuve	1.00	0.00	0.00	1.00	
Remove	5-300 Undercarriage:5- 301Corking	4.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/12/2025	Adam Villeneuve	4.50	0.00	0.00	4.50	
Remove	5-300 Undercarriage:5- 306 Track Group	21.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/27/2025	Adam Villeneuve	10.00	0.00	0.00	10.00	
05/28/2025	Adam Villeneuve	8.50	0.00	0.00	8.50	
05/30/2025	Adam Villeneuve	3.00	0.00	0.00	3.00	
Remove	8-100 Attachment:8-101 Blade	7.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
05/29/2025	Adam Villeneuve	3.50	0.00	0.00	3.50	
05/30/2025	Adam Villeneuve	3.00	0.00	0.00	3.00	
06/13/2025	Donghyoun Park	1.00	0.00	0.00	1.00	

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Labor Items:

Work Code	Item Code	ST	OT	DT	
Repair	5-400 Hydraulic:5-401 Cylinder		6.50	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
06/16/2025	Donghyoun Park	4.50	0.00	0.00	4.50
06/18/2025	Donghyoun Park	2.00	0.00	0.00	2.00
Replace	5-200 Transmission/Clutch		5.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
06/12/2025	Adam Villeneuve	2.00	0.00	0.00	2.00
06/12/2025	Donghyoun Park	1.00	0.00	0.00	1.00
06/13/2025	Donghyoun Park	2.00	0.00	0.00	2.00
Replace	8-100 Attachment:8-116 Automatic Greasing System		1.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
06/18/2025	Adam Villeneuve	1.00	0.00	0.00	1.00

Parts List:

Part Num	Name	UOM	Qty Used
CSA-2S-P	TYPE 2 FIRST AID KIT	Each	1
D6 Rails and Pads PS	D6 Rails and Pads PS - Set of 2 Tracks	Each	1
DURON 5W40	Engine Oil 5W40	Each	225
HDVB-3	20LBS VEHICLE BRACKET	Each	1
SK-HAZ-NB6	6 Gal Nylon Spill Kit	Each	1

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
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Maintenance Work Order

Work Order: 152435
Priority: Normal
Due Date:

46-177 ERI inspection June 23, 2025

CRAWLER TRACTOR & EXCAVATOR EQUIPMENT READINESS INSPECTION CHECKLIST



Uploaded

DOZER / EXCAVATOR / TRACK SKID STEER

Date: 06/25/25 Unit #: 46-177 Mechanic Name: Adrian V. Machine Hours: 5581 HR
Is a PM Required Within the Next 100 Hours? (Yes or No) NO If "yes", perform or arrange to perform the PM.

No.	What are you inspecting?	Pass/Fail	Repaired (Initials)	No.	What are you inspecting?	Pass/Fail	Repaired (Initials)
From the Ground				On the Machine, Outside the Cab			
1	Blade Cutting Edge, Moldboard, Bucket, GET	P.		28	Fuel Tank	P.	
2	Bucket or Blade Cylinders	P.		29	Hydraulic Oil Tank	P.	
3	Hydraulic Quick Couplers (if equipped)	N/A		30	Auto Lube	P.	
4	Blade Arm, Trunnion, Stick, Boom	P.		31	Fire Extinguisher Expiry Date	P.	
5	Underneath of Machine	P.		32	Wipers/Washers & Washers	P.	
6	Overall undercarriage	P.		33	Pivot Shaft	P.	
7	Idlers & Rollers	P.		34	Batteries & Hold Downs	P.	
8	Drive Sprockets	P.		35	Master Shutoff	P.	
9	Track Assembly	P.		36	Mirrors & Windyaks	P.	
10	Cutting % Remaining	N/A		37	Weather Fronts	N/A	
11	Ripper (if equipped)	P.		Inside the Cab			
12	Ripper Share	P.		38	ROPS & Cab Quencing	P.	
13	Winch (if equipped)	N/A		39	Seat	P.	
14	Steps, Handholds, & Safety Rails	P.		40	Seat Belt & Mounting	P.	
15	Overall Machine & Cab Body	P.		41	Gauges, Indicator Lights, Alarms	P.	
Engine Compartment				42	Horn, Backup Alarm, Lights, Cameras	P.	
16	Engine Oil	P.		43	Codes	N/A	
17	Transmission Oil	P.		44	Radios (AM/FM & 2-Way), GPS, & Antennas	P.	
18	Engine Coolant - 35°C	P.		45	Overall Cab Interior	P.	
19	Air Filters (Inner, Outer, & Cab)	P.		46	Spill & First Aid Kits	P.	
20	Radiator	P.		47	Heater / AC	P.	
21	Fuel Water Separator	P.		48	Decals & Signage	P.	
22	Positive Air Shut Off	P.		Operational Functionality			
23	All Hoses & Fittings	P.		49	Hydraulic & Travel Testing	P.	
24	All Belts	P.		50	Lockout Bars & Safety Switches	P.	
25	Exhaust	P.		51	Webasto & Proheat Heaters	N/A	
26	Alternator Output <u>27.8</u> volts	P.					
27	Overall Engine Compartment	P.					

No.	Comment
7	Corner & track rollers worn
48	CAT Logo's peeling/damaged

DOCUMENT NO.: L3 ASM-AM-STP-0051-UC-PM-A	PARENT DOCUMENT: L3 ASM-AM-STP-0051-UC
TITLE: CRAWLER TRACTOR & EXCAVATOR EQUIPMENT READINESS INSPECTION CHECKLIST	EDITION: 0
DOCUMENT LEVEL: WORKFACE	REVISION: 0
BUSINESS UNIT: ASSET MANAGEMENT	SERVICE LINE: ASSET MAINTENANCE
	PAGE 1 of 3
	Document Group: STANDARD PROCEDURE

Notes:

Maintenance Work Order

Work Order: 151589
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 3/28/2025

Mechanic Name	Schedule Date	Work Complete?
Harley Lafontaine	3/28/2025	☒

Equipment ID: 46177
Work Order Job: 56-24-P0790
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat D6 LGP VPAT Ripper
VIN #
Serial # CAT000D6JRDC00806
License Plate #
Make: Caterpillar
Model: D6
Carrier Name:

Meter Reading: Hours: 5410 on 3/27/2025 by Gerald Lacelle
Odometer: on by
Last Hour Service (Lifetime): 5410 (5410) on 3/27/2025
Last Odometer Service (Lifetime): on

Problem Description: Perform PM1/PM2

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 pivot shaft 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

03/27/2025 - engine service, change engine lube filter, change W/S fuel filter change both primary fuel filters, change inner and outer air filter, change cab filter, fill with 5w40=40L
visual inspection of nhydraulic system and visual check for any leaks from stump pans, check all levels, adjust track tension, no repairs or worn parts found at this time. harley

Maintenance Work Order

Work Order: 151589
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT		
Perform	1-400 PM:1-401 PM 1 (500 Hour)		2.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
03/27/2025	Harley Lafontaine		2.00	0.00	0.00	2.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)		2.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
03/27/2025	Harley Lafontaine		2.00	0.00	0.00	2.00

Parts List:

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

Cost Ledger:

Type	Ref Num	Description	Estimated Cost	
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used	
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Notes:

Maintenance Work Order

Work Order: 148837
Priority: Normal
Due Date:

Scheduling:

Mechanic Name	Schedule Date	Work Complete?
Brandon Wintoniak	11/16/2024	☒
Michael Larouche	11/16/2024	☒
Eugene Barker	11/16/2024	☒

Status: Closed
Status Date: 12/2/2024

Equipment ID: 46177
Work Order Job: CL
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat D6 LGP VPAT Ripper
VIN #
Serial # CAT000D6JRDC00806
License Plate #
Make: Caterpillar
Model: D6
Carrier Name:

Meter Reading: Hours: 4825 on 11/10/2024 by Albert Paradis
Odometer: on by
Last Hour Service (Lifetime): 4825 (4825) on 11/15/2024
Last Odometer Service (Lifetime): on

Problem Description: Perform PM 1 / PM 2 / ERI

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 pivot shaft 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

11/15/2024 - Bring machine inside, start ERI inspection. Perform PM1, PM2 services change oil, all fuel, all air filters, check all levels, sample oil, tranny, hyd, and finals, top up grease keg. Clean tracks for tomorrow to weld corks on. Clean interior of cab. Replace fire extinguisher. New first aid. Brandon W, Eugene B.
11/16/2024 - Weld corks, spin tracks for corking. Mike L, Eugene B, Brandon W
11/19/2024 - Get machine from steam pad had to thaw out altinator and idler pulleys froze up from steaming, bring into shop install stump pans. Eugene B.
11/20/2024 - replaced stickers steamer guy blew off wiped down cab door left open when steaming checked unit out found neede new belt ordered belt for unit installed back up alarm, Eugene B.
11/21/2024 - Install stump pans install new serpentine belt remove ripper teeth install all panels replace decals steamer guy blew off unit Eugene B.

Labor Items:

5.300

Maintenance Work Order

Work Order: 148837
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT	
Cutting/Welding	Undercarriage:5-301Corking	32.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/16/2024	Brandon Wintoniak	11.00	0.00	0.00	11.00
11/16/2024	Eugene Barker	11.00	0.00	0.00	11.00
11/16/2024	Michael Larouche	10.00	0.00	0.00	10.00
Perform	1-100 Overhead:1-107 Washing/Steaming/Detailing	2.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/15/2024	Brandon Wintoniak	2.00	0.00	0.00	2.00
Perform	1-300 Safety:1-304 Equipment Readiness Inspection	13.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/19/2024	Eugene Barker	3.00	0.00	0.00	3.00
11/20/2024	Eugene Barker	4.00	0.00	0.00	4.00
11/21/2024	Eugene Barker	4.00	0.00	0.00	4.00
11/22/2024	Eugene Barker	2.00	0.00	0.00	2.00
Perform	1-400 PM:1-401 PM 1 (500 Hour)	8.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/15/2024	Brandon Wintoniak	2.00	0.00	0.00	2.00
11/15/2024	Eugene Barker	6.00	0.00	0.00	6.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)	7.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/15/2024	Brandon Wintoniak	2.00	0.00	0.00	2.00
11/15/2024	Eugene Barker	5.00	0.00	0.00	5.00
Perform	2-100 Engine	10.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
11/21/2024	Eugene Barker	5.00	0.00	0.00	5.00
11/22/2024	Eugene Barker	5.00	0.00	0.00	5.00
Perform	3-100 Electrical/Keys	9.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours

Maintenance Work Order

Work Order: 148837
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
11/20/2024	Eugene Barker	5.00	0.00	0.00	5.00	
11/21/2024	Eugene Barker	2.00	0.00	0.00	2.00	
11/22/2024	Eugene Barker	2.00	0.00	0.00	2.00	
Perform	4-100 Body	5.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
11/19/2024	Eugene Barker	3.00	0.00	0.00	3.00	
11/22/2024	Eugene Barker	2.00	0.00	0.00	2.00	
Perform	5-300 Undercarriage:5-306 Track Group	1.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
11/15/2024	Brandon Wintoniak	1.50	0.00	0.00	1.50	

Parts List:

Part Num	Name	UOM	Qty Used	
1R-0749	Fuel Filter	Each	2	
1R-1808	Oil Filter	Each	1	
326-1643	Fuel Filter	Each	1	
577-1435	Filter	Each	1	
593-1533	Cabin Air Filter	Each	1	
DURON 5W40	Engine Oil 5W40	Each	25	
SAMPLE	SOS Fluid Analysis	Each	5	

Cost Ledger:

Type	Ref Num	Description	Estimated Cost	
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used	
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Maintenance Work Order

Work Order: 148837
Priority: Normal
Due Date:

46-177 ERI November 15 2024

CRAWLER TRACTOR & EXCAVATOR EQUIPMENT READINESS INSPECTION CHECKLIST



DOZER / EXCAVATOR / TRACK SKID STEER

Date (DD-MM-YY) 15-11-24 Unit # 46-177 Mechanic Name THANDAN / EUGENE Machine Hours 4825 hr.
Is a PM Required Within the Next 100 Hours? (Yes or No) Yes If "yes", perform or arrange to perform the PM.

No	What are you inspecting?	Pass Fail	Repair (Initial)	No	What are you inspecting?	Pass Fail	Repair (Initial)
From the Ground				On the Machine, Outside the Cab			
1	Blade Cutting Edge, Moldboard, Bucket, GET	P		28	Fuel Tank	P	
2	Bucket or Blade Cylinders	P		29	Hydraulic Oil Tank	P	
3	Hydraulic Quick Couplers (if equipped)	N/A		30	Auto Lube	P	
4	Blade Arm, Tractor, SSK, Boom	P		31	Fire Extinguisher Expire Date	F	
5	Underneath of Machine	P		32	Windshield Wipers & Washers	P	
6	Overall Undercarriage	P		33	Pivot Shaft	P	
7	Idlers & Rollers	P		34	Batteries & Hold Downs	P	
8	Drive Sprockets	P		35	Master Blushoff	P	
9	Track Assembly	P		36	Mirrors & Windows	P	
10	Corking % Remaining	F	h	37	Weather Folds	N/A	
11	Ripper (if equipped)	P		Inside the Cab			
12	Ripper Shank	P		38	ROPS & Cab Guarding	P	
13	Winch (if equipped)	N/A		39	Seat	P	
14	Steps, Handholds, & Safety Rails	P		40	Seat Belt & Mounting	P	
15	Overall Machine & Cab Body	P		41	Gauges, Indicator Lights, Alarms	P	
Engine Compartment				42	Horn, Backup Alarm, Lights, Camera	P	
16	Engine Oil	F	h	43	Codes	P	
17	Transmission Oil	P		44	Radios (AM/FM & 2-Way), GPS, & Antennas	P	
18	Engine Coolant - 40 0%	P		45	Overhead Cab Interior	F	
19	Air Filters (Inner, Outer, & Cabs)	P	h	46	Spit & First Aid Kits	P	
20	Radiator	P		47	Heater / AC 0%	P	
21	Fuel Water Separator	P	h	48	Devices & Signage	F	h
22	Positive Air Shut Off	P		Operational Functionality			
23	All Hoses & Fittings	P		49	Hydraulic & Towbar Testing	P	
24	All Belts	P		50	Lockout Bars & Safety Switches	N/A	
25	Exhaust	P		51	Wrenches & Pinpoint Probers	N/A	
26	Alternator Output 27.6 volts	P					
27	Overall Engine Compartment	P					

No	Comment
10	- NEGOS COARS. - Done
16	- Service. - 19-Service. - Done
30	- Empty - Done
31	- NEGOS REEL - Done
45	- NEGOS CLEANING
46	- 3 PART COAT
47	- NO BU ALARM

DOCUMENT NO. : L3 ASM-AM-STP-0001-03 PM-A	PARENT DOCUMENT : L3 ASM-AM-STP-0001-03
TITLE : CRAWLER TRACTOR & EXCAVATOR EQUIPMENT READINESS INSPECTION CHECKLIST	EDITION : 3
DOCUMENT LEVEL : WORKFACE	REVISION : 0
BUSINESS UNIT : ASSET MANAGEMENT	SERVICE LINE : ASSET MAINTENANCE
	Document Group : STANDARD PROCEDURE

Notes:

Maintenance Work Order

Work Order: 147002
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 7/27/2024

Mechanic Name	Schedule Date	Work Complete?
Kolten Meagher	7/19/2024	☒

Equipment ID: 46177
Work Order Job: AV
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat D6 LGP VPAT Ripper
VIN #
Serial # CAT000D6JRDC00806
License Plate #
Make: Caterpillar
Model: D6
Carrier Name:

Meter Reading: Hours: 4410 on 7/16/2024 by Albert Paradis
Odometer: on by
Last Hour Service (Lifetime): 4410 (4410) on 7/24/2024
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 pivot shaft oil level
Check antifreeze level
Lubricate all grease points
Check autolube grease level (If equipped)
Perform visual inspection
7/22/24 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
7/22/24 kolten

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-401 PM 1 (500 Hour)	2.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
07/22/2024	Kolten Meagher	2.00	0.00	0.00	2.00
Perform	1-400 PM:1-402 PM 2 (500 Hour)	2.00	0.00	0.00	
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
07/22/2024	Kolten Meagher	2.00	0.00	0.00	2.00

Maintenance Work Order

Work Order: 147002
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used	
1R-1808	Oil Filter	Each	1	
331-8108	Air Filter	Each	1	
577-1435	Filter	Each	1	
DURON 5W40	Engine Oil 5W40	Each	30	

Cost Ledger:

Type	Ref Num	Description	Estimated Cost	
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used	
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Notes:

Maintenance Work Order

Work Order: 145641
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 4/15/2024

Mechanic Name	Schedule Date	Work Complete?
Kolten Meagher	4/9/2024	☒

Equipment ID: 46177
Work Order Job: AV
Current Job: 0003
Current Location: 0003
Equipment Foreman:
Work Order Foreman:

Description: Cat D6 LGP VPAT Ripper
VIN #
Serial # CAT000D6JRDC00806
License Plate #
Make: Caterpillar
Model: D6
Carrier Name:

Meter Reading: Hours: 4190 on 3/24/2024 by Tyler Frolick
Odometer: on by
Last Hour Service (Lifetime): 4190 (4190) on 4/12/2024
Last Odometer Service (Lifetime): on

Problem Description: PM 3 (1,000 Hour)

Check antifreeze strength
Change final drive oil
Change hydraulic filters
Change transmission filter
Change antifreeze filter
4/10/24 kolten

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-403 PM 3 (1,000 Hour)		2.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
04/10/2024	Kolten Meagher	2.00	0.00	0.00	2.00

Parts List:

Part Num	Name	UOM	Qty Used
389-1079	Filter	Each	1
571-5253	Filter, Transmission	Each	1
TRAXON E 75W90	Gear Oil - Synthetic	Litre	40

Cost Ledger:

Type	Ref Num	Description	Estimated Cost
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used
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Maintenance Work Order

Work Order: 144666
Priority: Normal
Due Date:

Scheduling:

Status: Closed
Status Date: 4/17/2024

Mechanic Name	Schedule Date	Work Complete?
Skyler Folk	2/4/2024	☒
Jeremy Andrews	2/4/2024	☒
Tyler Stewart	2/9/2024	☒
Scott Jensen	2/9/2024	☒
Kolten Meagher	4/8/2024	☒
Donald Van Riesen	4/8/2024	☒

Equipment ID: 46177 Description: Cat D6 LGP VPAT Ripper
 Work Order Job: 56-23-E1727 VIN #
 Current Job: 0003 Serial # CAT000D6JRDC00806
 Current Location: 0003 License Plate #
 Equipment Foreman: Make: Caterpillar
 Work Order Foreman: Model: D6
 Carrier Name:

Meter Reading: Hours: 4190 on 3/24/2024 by Tyler Frolick
 Odometer: on by
 Last Hour Service (Lifetime): 4190 (4190) on 4/12/2024
 Last Odometer Service (Lifetime): on

Problem Description: Replaced worn segments and hardware

2/04/2024- Replaced worn segments and hardware, torqued to spec. Replaced worn ripper teeth. Skyler F
 02-04-24 - installed RHS segments and hardware, and helped torque. fixed grease leak under the cab floor/ topped up grease. - Jeremy
 02-05-24 - flipped middle tooth in up right position so it was not being used. -jeremy
 02-07-24- Re torqued segments and replaced ripper teeth, inspected updated pin on pitch link. Missing proper retainer. Skyler F
 02-09-24 - followup on parts for machine. Tyler S
 02-09-2024 adjusted and tightned front head lights, retied up wiring to right front light, scott j
 02-10-24- installed missing segment bolts on right hand side. - Jeremy
 03-19-24- Auto greaser codes and faulty, inspected and found broken fitting capped lines- Skyler F
 03-20-24- Installed new fittings and tested- Skyler F
 Perform- ERI, repair window wash nozzle, flip ripper shanks, needs new rollers, 12 of them are no good and leaking oil. checked track tension and wear, drop stump pans, greasy mess in transmission area, washed grease and dirt from area. Repair transmission and hyd oil leaks. 4/6/24 kolten, Hank
 Perform- look up and order parts for undercarriage. 4/7/24 kolten
 Adjust - door latches so doors close properly, repair broken antennae repair oil leaks at filter housing. Tighten loose track pads. 4/7/24 Hank
 Replace - orings in hyd and trans hoses leaking under gab floor. 4/8/24 Hank
 Perform-remove shields, repair auto greaser lines that were just capped off in transmission compartment, cleaned grease, test autogreaser for leaks. install shields. Install stump pans, wash unit. 4/10/24 kolten
 Perform- replace all rollers. replace cutting edge, repair trans oil leak, fill autogreaser. replace ripper teeth. 4/12/24 kolten Hank
 Install - floor mat and foot rests. 4/13/24 Hank

Labor Items:

Work Code	Item Code	ST	OT	DT	
Clean	1-100 Overhead:1 -107 Washing/Steamin g/Detailing	6.00	0.00	0.00	

Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
04/06/2024	Kolten Meagher	2.00	0.00	0.00	2.00
04/10/2024	Kolten Meagher	4.00	0.00	0.00	4.00

Maintenance Work Order

Work Order: 144666
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT		
Inspect	5-300 Undercarriage	2.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Donald Van Riesen	2.00	0.00	0.00	2.00	
Inspect	5-300 Undercarriage:5-303 Roller	3.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Kolten Meagher	3.00	0.00	0.00	3.00	
Inspect	5-300 Undercarriage:5-305 Track Frame	3.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Kolten Meagher	3.00	0.00	0.00	3.00	
Perform	1-300 Safety:1-304 Equipment Readiness Inspection	1.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Kolten Meagher	1.00	0.00	0.00	1.00	
Perform	4-100 Body:4-103 Frame	4.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/07/2024	Donald Van Riesen	2.00	0.00	0.00	2.00	
04/10/2024	Kolten Meagher	2.00	0.00	0.00	2.00	
Perform	4-100 Body:4-104 Glass	0.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Kolten Meagher	0.50	0.00	0.00	0.50	
Perform	5-200 Transmission/Clutch	1.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/12/2024	Kolten Meagher	1.50	0.00	0.00	1.50	
Perform	5-300 Undercarriage:5-303 Roller	0.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/07/2024	Kolten Meagher	0.50	0.00	0.00	0.50	

Maintenance Work Order

Work Order: 144666
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	5-300 Undercarriage:5-304 Sprocket		4.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
02/07/2024	Skyler Folk	2.00	0.00	0.00	2.00
02/09/2024	Tyler Stewart	2.00	0.00	0.00	2.00
Perform	8-100 Attachment:8-101 Blade		2.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
02/07/2024	Skyler Folk	2.00	0.00	0.00	2.00
Perform	8-100 Attachment:8-111 Ripper		0.50	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
04/06/2024	Kolten Meagher	0.50	0.00	0.00	0.50
Perform	8-100 Attachment:8-116 Automatic Greasing System		15.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
03/19/2024	Skyler Folk	3.00	0.00	0.00	3.00
03/20/2024	Skyler Folk	3.00	0.00	0.00	3.00
04/06/2024	Kolten Meagher	2.00	0.00	0.00	2.00
04/06/2024	Donald Van Riesen	2.50	0.00	0.00	2.50
04/10/2024	Kolten Meagher	4.00	0.00	0.00	4.00
04/12/2024	Kolten Meagher	0.50	0.00	0.00	0.50
Remove	4-100 Body:4-103 Frame		2.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
04/06/2024	Donald Van Riesen	1.00	0.00	0.00	1.00
04/13/2024	Donald Van Riesen	1.00	0.00	0.00	1.00
Repair	3-100 Electrical/Keys		2.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
04/07/2024	Donald Van Riesen	2.00	0.00	0.00	2.00
Repair	3-100 Electrical/Keys:3-103 Light		2.00	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours

Maintenance Work Order

Work Order: 144666
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
02/09/2024	Scott Jensen	2.00	0.00	0.00	2.00	
Repair	5-200 Transmission/Clutch	8.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Donald Van Riesen	3.00	0.00	0.00	3.00	
04/07/2024	Donald Van Riesen	2.50	0.00	0.00	2.50	
04/08/2024	Donald Van Riesen	3.00	0.00	0.00	3.00	
Repair	5-400 Hydraulic:5-402 Hose	6.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/06/2024	Donald Van Riesen	3.50	0.00	0.00	3.50	
04/08/2024	Donald Van Riesen	3.00	0.00	0.00	3.00	
Replace	5-300 Undercarriage:5-303 Roller	8.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/12/2024	Kolten Meagher	6.00	0.00	0.00	6.00	
04/13/2024	Donald Van Riesen	2.00	0.00	0.00	2.00	
Replace	5-300 Undercarriage:5-304 Sprocket	15.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
02/04/2024	Skyler Folk	4.00	0.00	0.00	4.00	
02/04/2024	Jeremy Andrews	7.00	0.00	0.00	7.00	
02/10/2024	Jeremy Andrews	4.00	0.00	0.00	4.00	
Replace	8-100 Attachment:8-107 Ground Engaging Tool	3.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/12/2024	Kolten Meagher	3.00	0.00	0.00	3.00	
Replace	8-100 Attachment:8-111 Ripper	8.00	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
02/04/2024	Skyler Folk	1.00	0.00	0.00	1.00	
02/05/2024	Jeremy Andrews	3.00	0.00	0.00	3.00	

Maintenance Work Order

Work Order: 144666
Priority: Normal
Due Date:

Labor Items:

Work Code	Item Code	ST	OT	DT		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
02/07/2024	Skyler Folk	2.00	0.00	0.00	2.00	
04/12/2024	Kolten Meagher	1.00	0.00	0.00	1.00	
04/13/2024	Donald Van Riesen	1.00	0.00	0.00	1.00	
Retorque	5-300 Undercarriage	1.50	0.00	0.00		
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours	
04/07/2024	Donald Van Riesen	1.50	0.00	0.00	1.50	

Parts List:

Part Num	Name	UOM	Qty Used	
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Cost Ledger:

Type	Ref Num	Description	Estimated Cost	
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used	
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Notes:

Maintenance Work Order

Work Order: 144486
 Priority: Normal
 Due Date:

Scheduling:

Status: Closed
 Status Date: 1/28/2024

Mechanic Name	Schedule Date	Work Complete?
Travis Luker	1/28/2024	☒

Equipment ID: 46177
 Work Order Job: 56-23-E1727
 Current Job: 0003
 Current Location: 0003
 Equipment Foreman:
 Work Order Foreman:

Description: Cat D6 LGP VPAT Ripper
 VIN #
 Serial # CAT000D6JRDC00806
 License Plate #
 Make: Caterpillar
 Model: D6
 Carrier Name:

Meter Reading: Hours: 4000 on 1/26/2024 by Travis Luker
 Odometer: on by
 Last Hour Service (Lifetime): 4000 (4000) on 1/26/2024
 Last Odometer Service (Lifetime): on

Problem Description: Perform PM 1,2

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 pivot shaft 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

01-26-24- Pm1 & Pm2 Travis

Labor Items:

Work Code	Item Code	ST	OT	DT	
Perform	1-400 PM:1-402 PM 2 (500 Hour)		3.50	0.00	0.00
Time Card Date	Mechanic	Reg. Hours	Double Time	Overtime	Total Hours
01/26/2024	Travis Luker	3.50	0.00	0.00	3.50

Maintenance Work Order

Work Order: 144486
Priority: Normal
Due Date:

Parts List:

Part Num	Name	UOM	Qty Used	
DURON 5W40	Engine Oil 5W40	Each	35	

Cost Ledger:

Type	Ref Num	Description	Estimated Cost	
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Reconciled Purchases:

Part Num	Description	Invoice #	Ref #	Qty Used	
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Notes: