

Roller



WORK ORDER

DATE CREATED: 11/14/2017

BY: CLAYTON REAM

UNIT #: 343

MAKE / MODEL: 2016 Cat 303.5E2

MILEAGE:

N/A

HRS: 890

876 / 876

*****CIRCLE ONE*****
CHANGE OIL SERVICE TRANS REPLACE TIRES REPLACE BRAKES REPAIR

DESCRIPTION OF PROBLEM

DUE NOW: Needs Engine service

DUE NOW: Change: Engine Oil(15w40), Oil Filter, Fuel Filters, and Outer Air Filter

ACTION TAKEN BY: Zack H. / John K.

DATE COMPLETED: 11/28/17

DESCRIPTION OF ACTION TAKEN

• Took Eng. oil Sample.
Changed Eng. oil + filter.
Changed fuel filter.
Changed Outer Air filter.
Checked Inner Air filter — good.
Checked Coolant level — good.
Checked Hydro. oil level — good.
Greased Machine.

*filters: oil — B1434
fuel — BF7675-D
air — 415-2592 (CAT)

Checked Track Slack — good.
Checked Final Drive oil levels — good.
Washed Out Eng. Compartments.



WORK ORDER

Pulled

DATE CREATED: 4/26/2017 BY: CLAYTON REAM

UNIT #: 343

MAKE / MODEL: 2016 Cat 303.5E2

MILEAGE: N/A

HRS: 453
428 / 428

*****CIRCLE ONE*****

CHANGE OIL SERVICE TRANS REPLACE TIRES REPLACE BRAKES REPAIR

DESCRIPTION OF PROBLEM

DUE NOW: Needs Initial 500HR service

DUE NOW: Change: Engine Oil(15w40)(Take Sample), Oil Filter, Fuel Filters, and Outer Air Filter

DUE NOW: Change: Final Drive Oil(80w90)

DUE NOW: Change: Hydraulic Return Filter.(Take Sample) ***** (Do Not Change Hydraulic Oil) *****

ACTION TAKEN BY: Zack H. / John K. DATE COMPLETED: 4/27/17

DESCRIPTION OF ACTION TAKEN

Took Eng. Oil Sample
Changed Eng. Oil & filter
Changed fuel filter
Changed Outer Air filter
Checked Inner Air filter—good
Checked Coolant level—good
Checked Hydro. oil level—good
Changed Hydro. oil filter
*filters: oil—B1434
fuel—BF7675-D
air—415-2592 (CAT)
Hydro.—421-5481 (CAT)
Checked Track Slack—good
Changed final Drive oils
Washed Out Eng. Compartments
Greased Machine.

Account Information	Component Information	Sample Information
Account Number: 704500-0000-0000 Company Name: RESOURCE MANAGEMENT COMPANY Contact: BRENT JOHNSON/DENNIS JENNINGS Address: 3108 BRANDAU ROAD HERMITAGE, TN 37076 US Phone Number: 615-885-8903/615-456-2160	Component ID: 343 E Secondary ID: CAT C1.7 Engine Component Type: DIESEL ENGINE Manufacturer: CATERPILLAR Model: 1.7L Application: OFF-HIGHWAY Sump Capacity: 5 gal	Tracking Number: 17313Z05138 Lab Number: I-504374 Lab Location: Indianapolis Data Analyst: JDT Sampled: 29-Nov-2017 Submitted: 29-Nov-2017 Received: 05-Dec-2017 Completed: 07-Dec-2017
Filter Information	Miscellaneous Information	Product Information
Filter Type: FULLFLOW Micron Rating: 40		Product Manufacturer: PETRO-CANADA Product Name: DURON SHP 15W-40 Viscosity Grade: SAE 15W40
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Flagged additive levels are higher than expected for the lubricant that is identified (This does not imply that the lubricant does not meet proper API, SAE or ISO classifications.). Lubricant and filter change acknowledged.	

Sample #	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
NL	0	0	0	0	0	0	0	0	0	0	5	2	0	0	60	0	0	0	4	936	1091	0	1106	1293
1	54	1	1	4	12	0	0	0	0	0	13	6	1	0	46	0	1	0	36	725	1579	2	896	1069
2	38	1	0	2	2	1	0	0	0	0	4	3	0	0	47	0	0	0	10	690	1248	0	948	1149

Sample #	Sample Information							Contaminants			Fluid Properties					
	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			h	h		gal			% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm
NL	21-Sep-2017	27-Sep-2017	0	0	No	0	No			<.1 - Hotplate		14.5		8.45		
1	02-May-2017	08-May-2017	453	453	Yes	0	Yes	0.6 - GC	<.1	<.1 - FTIR		12.2		7.22	13	9
2	29-Nov-2017	05-Dec-2017	437	890	Yes	0	Yes	<1 - Estimate	0.6 - E2412	<.1 - FTIR		14.3		7.04	11	8

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	Based On 4/6/14	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method	
NL	//											
1	//											
2	//											

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing fluid or component information limits the evaluation. No warranty is expressed or implied.

Historical Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Iron is at a MINOR LEVEL. IRON SOURCES in engines can be cylinder liners, iron pistons, hardened steel camshafts, crankshafts, gears, hardened rocker arms, valve bridges, alloyed steel cam follower rollers, etc. 1 Viscosity is SLIGHTLY LOW. Causes include contamination, incorrectly identified viscosity grade, or adding a different viscosity grade to the component. Flagged additives do not match current new lube reference for the specified product (this does not imply the lubricant does not meet proper API, SAE, or ISO classifications); Lubricant and filter change acknowledged.
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Lubricant Analysis Report

North America: +1-877-808-3750

0	1	2	3	4
NORMAL	ABNORMAL	CRITICAL		

Overall report severity based on comments.

Account Information		Component Information		Sample Information	
Account Number: 704500-0000-0000 Company Name: RESOURCE MANAGEMENT COMPANY Contact: BRENT JOHNSON Address: 3108 BRANDAU ROAD HERMITAGE, TN 37076 US Phone Number: 615-885-8903/615-456-2160		Component ID: 343 E Secondary ID: CAT C1.7 Engine Component Type: DIESEL ENGINE Manufacturer: CATERPILLAR Model: 1.7L Application: OFF-HIGHWAY Sump Capacity: 5 gal		Tracking Number: 17087U03425 Lab Number: I-094635 Lab Location: Indianapolis Data Analyst: RNM Sampled: 02-May-2017 Submitted: 02-May-2017 Received: 08-May-2017 Completed: 09-May-2017	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: FULLFLOW Micron Rating: 40				Product Manufacturer: PETRO-CANADA Product Name: DURON E XL SYNTHETIC BLEND Viscosity Grade: SAE 15W40	
Comments	Flagged data does not indicate an immediate need for maintenance action. Continue to observe the trend and monitor equipment and fluid conditions. Iron is at a MINOR LEVEL. IRON SOURCES in engines can be cylinder liners, iron pistons, hardened steel camshafts, crankshafts, gears, hardened rocker arms, valve bridges, alloyed steel cam follower rollers, etc. Viscosity is SLIGHTLY LOW. Causes include contamination, incorrectly identified viscosity grade, or adding a different viscosity grade to the component. Flagged additives do not match current new lube reference for the specified product (this does not imply the lubricant does not meet proper API, SAE, or ISO classifications); Lubricant and filter change acknowledged.				

Wear Metals (ppm)											Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
NL	2	0	0	1	0	0	0	0	0	0	5	4	0	0	0	0	0	0	81	10	2353	0	1033	1137
1	54	1	1	4	12	0	0	0	0	0	13	6	1	0	46	0	1	0	36	725	1579	2	896	1069

Sample Information								Contaminants			Fluid Properties					
Sample #	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40°C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			h	h		gal		% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
NL	17-Aug-2016	24-Aug-2016	0	0	No	0	No			<.1 - Hotplate		15.2		8.67		
1	02-May-2017	08-May-2017	453	453	Yes	0	Yes	0.6 - GC	<.1	<.1 - FTIR		12.2		7.22	13	9

Particle Count (particles/mL)										Additional Testing	
Sample #	ISO Code	Based On 4/6/14	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method
NL	//										
1	//										

Comments are advisory only and are based on the assumption that the sample and data submitted are valid. Missing fluid or component information limits the evaluation. No warranty is expressed or implied.

Historical
Comments

Account Information		Component Information		Sample Information	
Account Number: 704500-0000-0000 Company Name: RESOURCE MANAGEMENT COMPANY Contact: BRENT JOHNSON Address: 3108 BRANDAU ROAD HERMITAGE, TN 37076 US Phone Number: 615-885-8903/615-456-2160		Component ID: 343 H Secondary ID: CAT 303.5E2 Component Type: AXIAL PISTON HYDRAULIC PUMP Manufacturer: CATERPILLAR Model: 303.5E Application: OFF-HIGHWAY Sump Capacity: 11 gal		Tracking Number: 17087U03426 Lab Number: I-094781 Lab Location: Indianapolis Data Analyst: EAD Sampled: 02-May-2017 Submitted: 02-May-2017 Received: 08-May-2017 Completed: 10-May-2017	
Filter Information		Miscellaneous Information		Product Information	
Filter Type: FULLFLOW Micron Rating: 7				Product Manufacturer: PETRO-CANADA Product Name: DURON E XL SYNTHETIC BLEND Viscosity Grade: SAE 15W40	
Comments	Viscosity is SEVERELY LOW. Causes include contamination, incorrectly identified viscosity grade, or adding a different viscosity grade to the component. Increased component wear possible. If grade is misidentified, it can be updated in HORIZON. Flagged additive levels are different than what should be present for the lubricant identified for this component. This does not imply that the lubricant does not meet proper API, SAE, or ISO classifications. Is the FLUID MANUFACTURER, PRODUCT NAME and/or VISCOSITY GRADE correctly identified? If so; LUBRICANT CHANGE is suggested if not done at sampling time. Filter change acknowledged.				

	Wear Metals (ppm)										Contaminant Metals (ppm)			Multi-Source Metals (ppm)						Additive Metals (ppm)				
Sample #	Iron	Chromium	Nickel	Aluminum	Copper	Lead	Tin	Cadmium	Silver	Vanadium	Silicon	Sodium	Potassium	Titanium	Molybdenum	Antimony	Manganese	Lithium	Boron	Magnesium	Calcium	Barium	Phosphorus	Zinc
NL	2	0	0	1	0	0	0	0	0	0	5	4	0	0	0	0	0	0	81	10	2353	0	1033	1137
1	6	0	0	0	6	1	1	0	0	0	1	2	1	0	0	0	0	0	6	1	299	0	647	846

Sample #	Sample Information							Contaminants			Fluid Properties					
	Date Sampled	Date Received	Lube Time	Unit Time	Lube Change	Lube Added	Filter Change	Fuel Dilution	Soot	Water	Viscosity 40 °C	Viscosity 100 °C	Acid Number	Base Number	Oxidation	Nitration
			h	h		gal		% Vol	% Vol	% Vol	cSt	cSt	mg KOH/g	mg KOH/g	abs/cm	abs/0.1 mm
NL	17-Aug-2016	24-Aug-2016	0	0	No	0	No			<.1 - Hotplate		15.2		8.67		
1	02-May-2017	08-May-2017	453	453	No	0	Yes			<.1 - FTIR		6.7	1.07		5	2

Sample #	Particle Count (particles/mL)										Additional Testing	
	ISO Code	> 4 µm	> 6 µm	> 10 µm	> 14 µm	> 21 µm	> 38 µm	> 70 µm	> 100 µm	Test Method		
NL	//											
1	20/17/14	9192	1056	357	156	50	0	0	0	ASTM D7647		

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Historical
Comments

WORK ORDERDATE CREATED 11-6-17 BY David Smith UNIT # 343MAKE/MODEL 303.5 CAT MILEAGE/HOURS 871PROBLEM: Hyd LEAKACTION TAKEN BY: David Smith DATE COMPLETED 11-6-17**DESCRIPTION OF ACTION TAKEN**Replaced Hyd Hose

THOMPSON MACHINERY THOMPSON POWER



BRANCH OFFICES

LAVERGNE, TN
MEMPHIS, TN
COLUMBUS, MS
GREENWOOD, MS
COOKEVILLE, TN
MANCHESTER, TN

PHONE NUMBERS

(615) 256-2424
(901) 332-3051
(662) 327-3083
(662) 453-5233
(931) 646-3200
(931) 461-5000

BRANCH OFFICES

TUPELO, MS
CAMDEN, TN
CLARKSVILLE, TN
JACKSON, TN

PHONE NUMBERS

(662) 844-1634
(731) 984-2732
(931) 552-5496
(731) 988-4240

FOR INQUIRIES PLEASE REFERENCE THIS NUMBER

DOCUMENT NO.

00C520211



FILLED BY

W/C LOC.

W/C PC/S.

CUSTOMER SHIPPING LIST

SOLD TO

RESOURCE MANAGEMENT CO INC

PO BOX 859

HERMITAGE TN

37076-0859

SHIP TO

La Vergne, TN

1245 Bridgestone Blvd

STORE

La Vergne

00

Tennessee, 37086, US

CHARGE

ORDERED BY

PHONE

CUST. P.O. NO.

INSTRUCTIONS

DELIVERY LOCATION

SHIP VIA

Brent Johnson

615-885-8903

CUST WAITING

LOOK FOR NOTES! PICK UP

MAKE PC	MODEL	SERIAL NO.	EQUIP NO.	ARRANGE. NO.	DATE	TIME	ENTR. BY	REF. NO.	PAGE
---------	-------	------------	-----------	--------------	------	------	----------	----------	------

AA F

BG800625

331

436-7911

11/06/17 15:05:13 n615

1

ITEM ----QUANTITY--- PART NUMBER/

NON

NET

NO. ORDER SHIP B/O

DESCRIPTION

LOCATION

RETURNABLE

TR SOS

WEIGHT

UNIT PRICE EXTD PRICE

PARTS SALES PERSON: COMMERCE ORDER

1

1

292-8353

NON-STK

*

62 000

2.7

63.39

63.39

HOSE AS

1

HOSESHOP

TOTAL NET WEIGHT OF SHIPPED ITEMS

.0

HOSE ASSEMBLY BUILD ORDER SENT TO HOSE SHOP

brent@resourcemangementcompany.com

Need orings for hose also if needed.

TN STATE SALES TAX

4.44

TN LOCAL SALES TAX

1.74

SELL TOTAL

69.57

303,5F2

CAT.

#343

871 HRS

CUSTOMER
COPY

ALL RETURNED PARTS MUST BE IN NEW AND SALEABLE CONDITION AND ACCOMPANIED BY PROOF OF PURCHASE. ITEMS RETURNED WITHIN 60 DAYS OF PURCHASE WILL BE ASSESSED A 5% HANDLING FEE. ITEMS RETURNED AFTER 60 DAYS BUT WITHIN 6 MONTHS WILL BE ASSESSED A 20% HANDLING FEE. ELECTRICAL AND ELECTRONIC PARTS ARE NON-RETURNABLE. * = NON-RETURNABLE.

WORK ORDER

DATE CREATED 10-27-16 BY Mike Scates UNIT # 343

MAKE/MODEL CAT mini EX MILEAGE/HOURS 86

PROBLEM: ~~Don~~ need mirror
Engine Speed Knob came off

ACTION TAKEN BY: Mike Scates DATE COMPLETED 10-27-16

DESCRIPTION OF ACTION TAKEN

Put Engine Speed Knob Back on
Has 2 mirrors on ET

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
MAKE Cat
MODEL 303.5
SERIAL # _____
HOUR METER _____
MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
REASON _____
PARTS _____ LABOR _____
OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 11-7-22 DATE COMPLETED 11-28-22

MECHANIC James

JOB NAME/LOCATION

Shop

JOB NUMBER

PROBLEM: broken boom

REPAIRED: replaced boom with used boom,
new decals

PARTS: used boom 3672.00 Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOUR METER 4068 HRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON _____

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: 3-16-23 DATE COMPLETED 3-21-23

MECHANIC ALL

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: Loose bucket & H-link

REPAIRED: replaced stick & H link bushings. Packed bucket cylinder

seal kit
PARTS Link, pin & bushing 1558.67
Link 2175.57

Thompson
Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE Cat

MODEL 303.5

SERIAL # _____

HOURLY METER _____

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON _____

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 3-15-23 DATE COMPLETED 3-21-23

MECHANIC Dave

JOB NAME/LOCATION _____ JOB NUMBER _____

PROBLEM: bucket cylinder leaking

REPAIRED: packed cylinder

PARTS: seal kit 313.20 Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES
SUP. # <u>0510</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
MAKE <u>CAT</u>		REASON _____	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED
MODEL <u>303.5</u>		PARTS _____ LABOR _____	COMPONENT LOCATION
SERIAL # _____		OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER
HOUR METER _____			OTHER _____
MILES _____			
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE: _____ DATE COMPLETED <u>6-12-23</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>Ben</u>	
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>Anthem</u>	
PROBLEM: <u>Top roller bad</u>		JOB NUMBER _____	

REPAIRED: replaced roller

PARTS: roller
roller

305.28
305.24

Thompson
Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOURLY METER _____

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS

LABOR

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 11-6-23 DATE COMPLETED 11-8-23

MECHANIC Anthony / Justin

JOB NAME/LOCATION

JOB NUMBER

Limestone Trail

PROBLEM: key switch

REPAIRED: replaced key switch

PARTS: switch

168.41

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
 MAKE CAT
 MODEL 303.5
 SERIAL # _____
 HOUR METER 4992 HRS
 MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
 REASON _____
 PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 12-15-23 DATE COMPLETED 12-19-23

MECHANIC Anthony

JOB NAME/LOCATION

JOB NUMBER

Shop

PROBLEM: starter & belt

REPAIRED: serviced, replaced alt belt & starter

PARTS starter 86.70
belt in stock
spacer 26.13
seave & bolts 51.41

Crooks
Thompson
Thompson
Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE Cat

MODEL 303.5

SERIAL # _____

HOUR METER 5,500 HRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS

LABOR

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: 4-17-24 DATE COMPLETED 4-19-24

MECHANIC _____

JOB NAME/LOCATION

West Trinity

JOB NUMBER

PROBLEM: Service + HR meter

REPAIRED: serviced

PARTS:

Filter & meter 160.00
meter 150.00

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOURLY METER _____

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 5-21-24 DATE COMPLETED 5-22-24

MECHANIC Bryan

JOB NAME/LOCATION

Shop

JOB NUMBER

PROBLEM: bad roller

REPAIRED: replaced left rear bottom roller,
Tightened alt. belt.

PARTS: roller

321.03

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE Cat

MODEL 303.5

SERIAL # _____

HOUR METER 6K HRS new meter.

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS

LABOR

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: 3-13-25 DATE COMPLETED 3-14-25

MECHANIC Bryan

JOB NAME/LOCATION

2315.

JOB NUMBER

PROBLEM: service & hour meter

REPAIRED: serviced

PARTS: filter & meter

153.35

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION EQUIP. # <u>0510</u> MAKE <u>CAT</u> MODEL <u>303.5</u> SERIAL # _____ HOUR METER _____ MILES _____		EQUIPMENT DOWNTIME HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____		COMPONENT CODES BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED COMPONENT LOCATION FRONT REAR LEFT RIGHT UPPER LOWER OTHER _____	
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH SMOKES SHORTED VIBRATE OTHER _____				DATE: _____ DATE COMPLETED <u>3-26-25</u> MECHANIC <u>James & Bryan</u> JOB NAME/LOCATION <u>Shop</u> JOB NUMBER _____	
PROBLEM: <u>removed hydraulic pump. Replaced drive coupling and suction hose</u>					
REPAIRED: _____					
PARTS: <u>Seal</u> <u>5.40</u> <u>Thompson</u> <u>hose & seals</u> <u>40.53</u> <u>Thompson</u> <u>coupling & filter</u> <u>289.95</u> <u>Thompson</u>					

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
 MAKE Cat
 MODEL 303.5
 SERIAL # _____
 HOUR METER _____
 MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
 REASON _____
 PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
 POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED
 OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH
 SMOKES SHORTED VIBRATE OTHER _____

DATE: _____ DATE COMPLETED 4-10-25

MECHANIC Ben

JOB NAME/LOCATION

JOB NUMBER

To Shop

PROBLEM: hydraulic cutting out.

REPAIRED: replaced valve and repaired wiring

PARTS: valve 684.5L Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>0510</u>		HOURS _____ DAYS _____	BASIC MACHINE	HYDRAULIC ENGINE IMPLEMENTS
MAKE <u>Cat</u>		REASON _____	POWER TRAIN	ELECTRIC DRIVE TRAIN UNEXPLAINED
MODEL <u>303.5</u>		PARTS _____ LABOR _____	COMPONENT LOCATION	
SERIAL # _____		OTHER _____	FRONT	REAR LEFT RIGHT UPPER LOWER
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: <u>9-4-25</u>	DATE COMPLETED: <u>9-4-25</u>
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Ben</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
PROBLEM: <u>stick cylinder leaking</u>			<u>To Shop</u>	
REPAIRED: <u>sealed stick cylinder.</u>				
PARTS: <u>seal kit</u> <u>511.88</u> <u>Thompson</u>				

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0540

MAKE CAT

MODEL 303.5

SERIAL # _____

HOUR METER 3K WRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE 11-22-19 DATE COMPLETED 1-24-2020

MECHANIC All

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: Machine stolen & recovered

REPAIRED: Serviced + new decals

replaced bad travel alarm

replaced. tom's seat cushion cover

PARTS: All Filters 150.63 Thompson

cover in stock

Travel alarm in stock

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE Cat

MODEL 303.5

SERIAL # _____

HOURLY METER 3K HRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: 9-10-20 DATE COMPLETED 9-24-20

MECHANIC Ben

JOB NAME/LOCATION

Ashland Farms

JOB NUMBER

PROBLEM: Service

REPAIRED: Serviced

PARTS: All Filters 152.14 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

OUR METER 3027 HRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: _____ DATE COMPLETED 11-16-20

MECHANIC ALL

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: bottom roller leaking

REPAIRED: replaced RT rear roller

PARTS: roller

241.07

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
 MAKE Cat
 MODEL 303.5
 SERIAL # _____
 HOUR METER 3200 HRS
 MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
 REASON _____
 PARTS _____ LABOR _____
 OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
 POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER
 OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED
 OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH
 SMOKES SHORTED VIBRATE OTHER _____

DATE 5-26-21 DATE COMPLETED 5-28-21
 MECHANIC Ben + James

JOB NAME/LOCATION North Lake #3 shop JOB NUMBER _____

PROBLEM: won't move

REPAIRED: replaced drive coupling & two solenoids
on valve body.
Changed hydraulic oil

PARTS: 2 solenoids 137.⁰⁰
Complex seals 156.⁹³ Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
 MAKE CAT
 MODEL 303.5
 SERIAL # _____
 HOUR METER 3392 HRS
 MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
 REASON _____
 PARTS _____ LABOR _____
 OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
 POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER
 OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED
 OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH
 SMOKES SHORTED VIBRATE OTHER _____

DATE 10-18-21 DATE COMPLETED 10-19-21

MECHANIC James + Bryan

JOB NAME/LOCATION

JOB NUMBER

Shop

PROBLEM: bucket cylinder leaking

REPAIRED: replaced all seals in bucket cylinder

PARTS: seal kit 261.09 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
 MAKE Cat
 MODEL 303.5
 SERIAL # _____
 HOUR METER 3500 HRS
 MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
 REASON _____
 PARTS _____ LABOR _____
 OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
 POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER
 OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED
 OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH
 SMOKES SHORTED VIBRATE OTHER _____

DATE: 1-5-22 DATE COMPLETED 1-10-22

MECHANIC James

JOB NAME/LOCATION

3490

JOB NUMBER

PROBLEM: bsd throttle motor
service

REPAIRED: replaced throttle motor + cable
serviced

PARTS: Motor Assembly 1205.⁷² Thompson
All Fitters + Drain plug 169.⁴⁶ Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOUR METER _____

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS

LABOR

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: _____ DATE COMPLETED 10-21-12

MECHANIC Anthony

JOB NAME/LOCATION West Trinity

JOB NUMBER _____

PROBLEM: needs battery

REPAIRED: replaced battery

PARTS: Grp 24 183.25 Advance Auto Parts

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOURLY METER 2K HRS

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: 8-2-19 DATE COMPLETED 8-14-19

MECHANIC Charles

JOB NAME/LOCATION

JOB NUMBER

Cargill

PROBLEM: Service

REPAIRED: serviced

PARTS: All Filters

217.1¹²

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510

MAKE CAT

MODEL 303.5

SERIAL # _____

HOUR METER _____

MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____

REASON

PARTS _____ LABOR _____

OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS

POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER

OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED

OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH

SMOKES SHORTED VIBRATE OTHER _____

DATE: _____ DATE COMPLETED 1-29-19

MECHANIC Charles

JOB NAME/LOCATION

JOB NUMBER

Maple Crossing

PROBLEM: blown hose

REPAIRED: replaced boom hose

PARTS: Hose

91.13

Crook Auto

TEC

THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0510
MAKE CAT
MODEL 303.5
SERIAL # _____
HOUR METER _____
MILES _____

EQUIPMENT DOWNTIME

HOURS _____ DAYS _____
REASON _____
PARTS _____ LABOR _____
OTHER _____

COMPONENT CODES

BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED

COMPONENT LOCATION

FRONT REAR LEFT RIGHT UPPER LOWER
OTHER _____

REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH
SMOKES SHORTED VIBRATE OTHER _____

DATE: _____ DATE COMPLETED 11-16-18

MECHANIC Charles

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: cover broken behind seat

REPAIRED: replaced cover

PARTS: Cover 57.16 Thompson Machinery