

HYDRAULIC SYSTEM

EQUIP NUM: KW203032

SERIAL NUMBER: KW203032

D420-56022-0117

SAMPLE SHIP TIME (days) : 1

THORNE EXCAVATING

RECEIVED DATE: 22-Jan-26

CAT D5K2



No Action Required

NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

Interp By: TV

Interpreted On: 22-Jan-26

SAMPLE INFORMATION

Sampled Date	21-Jan-26	03-Jul-18
Sample Id	D420-56022-0117	D420-48197-0062
Lab Date	22-Jan-26	16-Jul-18
Meter [Hr]	9000	350
Comp Meter [Hr]	9000	350
Meter On Fluid	9000	350
Fluid Brand	CAT	
Fluid Weight	10W	
Fluid Type		
Fluid Change	Y	N
Filter Change	Y	N
Kidney Loop	U	U
	0	

WEAR LEVELS / ADDITIVES

21-Jan-26 03-Jul-18

ELEMENTAL ANALYSIS (PPM) ASTM D5185 [OIL] / ASTM D8130 [COOLANT]

Cu	Copper	4	5
Fe	Iron	12	5
Cr	Chromium	0	0
Al	Aluminum	3	0
Pb	Lead	0	0
Sn	Tin	0	0
Si	Silicon	9	9
Na	Sodium	1	0
K	Potassium	3	3
Mo	Molybdenum	0	0
Ni	Nickel	0	0
Ag	Silver	0	0
Ti	Titanium	0	0
V	Vanadium	0	0
Mn	Manganese	0	0
Cd	Cadmium		0
Ca	Calcium	398	154
P	Phosphorus	441	693
Zn	Zinc	549	890
Mg	Magnesium	4	1
Ba	Barium	0	0
B	Boron	0	0

PREVIOUS SAMPLE

NORMAL WEAR METAL READINGS. NO PROBLEMS PRESENTLY ASSOCIATED WITH THIS SAMPLE. CONTINUE SAMPLING AT THE NORMAL INTERVAL.

For additional sample history, go to:

S.O.S WEB

CONDITION / CONTAMINATION

21-Jan-26 03-Jul-18

VISCOSITY (CENTISTOKES) ASTM D445

V100	Viscosity at 100 C	6.000	6.2
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INFRARED (UFM) ASTM E2412

ST	Soot	0	0
OXI	Oxidation	6	4
SUL	Sulfate By-Product	15	13
	Sulfur Products	15	13
NIT	Nitration	0	2

WATER

W	Water	N	N
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ANTIFREEZE

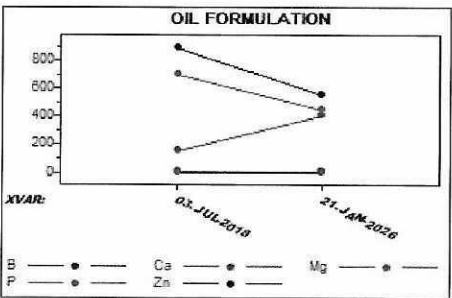
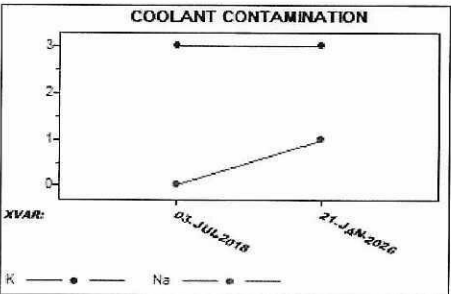
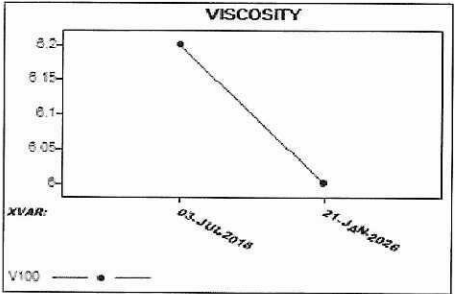
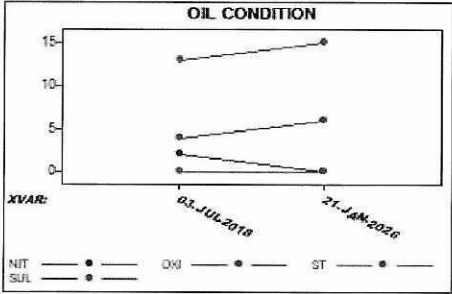
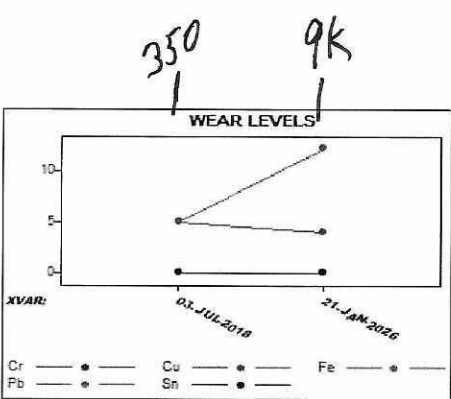
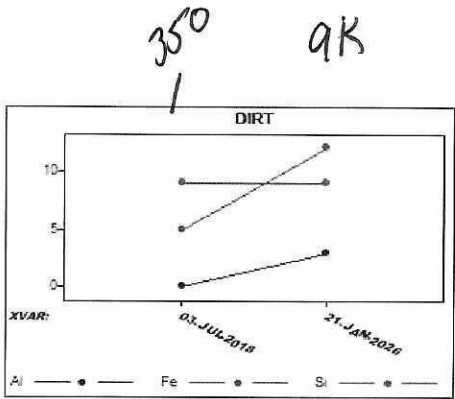
A	Antifreeze	N	N
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CLEANLINESS

21-Jan-26 03-Jul-18

PARTICLE COUNT - ISO 11171:1999 reported per ISO 4406

ISO	ISO Code Rating	22/19/15
4μ	4μ	29618
6μ	6μ	4193
10μ	10μ	617
14μ	14μ	173
18μ	18μ	69
21μ	21μ	36
38μ	38μ	2
50μ	50μ	0



Report Comment

February 27, 2026, SOS Web functionality will transition to VisionLink®. Begin the transition to VisionLink now - Sign up or log in to vlcat.com to update your settings, manage your fleet, configure your jobsites (groups) and notifications. Once the transition occurs on February 27, 2026, the following functionality will be available in VisionLink: submit samples, track samples, view and graph sample history, and view/download reports. SOS Web will no longer be available on March 2, 2026.

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0813

MAKE Cat

MODEL 315F

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 8-1-19

MECHANIC Bryan

JOB NAME/LOCATION

Preserves at Hickory

JOB NUMBER

PROBLEM: Broken hose on hammer

REPAIRED: replaced hose.

PARTS: Hose

59.93

Ind. Rubber & Gasket

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE Cat

MODEL 315F

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: _____ DATE COMPLETED 8-22-19

MECHANIC Bryan

JOB NAME/LOCATION

Preserves

JOB NUMBER

PROBLEM: blown hose to hammer

REPAIRED: replaced hose

PARTS: Hose 397.94 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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: _____ DATE COMPLETED 9-13-19

MECHANIC Bryan

JOB NAME/LOCATION

Prese at Wick.

JOB NUMBER

PROBLEM: blown hose

REPAIRED: replaced hose

PARTS: hose 68.55 IR+G

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EQUIPMENT INFORMATION

EQUIP. # 0519

MAKE CAT

MODEL 315F

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 9-27-19

MECHANIC James

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: extra bucket 48"

REPAIRED: _____

PARTS: <u>buck</u>	<u>3833.00</u>	<u>Thompson</u>
<u>2-pins</u>	<u>460.00</u>	<u>Thompson</u>
<u>bolts & nuts</u>	<u>23.64</u>	<u>Thompson</u>

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SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0603

MAKE Epiroc

MODEL 702

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: _____ DATE COMPLETED 10-17-19

MECHANIC Charles

JOB NAME/LOCATION
Ashland Farms

JOB NUMBER

PROBLEM: hoses broken and pulled off of conti-lube

REPAIRED: repaired conti-lube + bracket, replaced hydraulic feed hose and grease hose

PARTS: Hoses + fittings 513.⁰⁵ Industrial rubber + Gasket

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

SERIAL # _____

HOURLY METER 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: _____ DATE COMPLETED 10-29-19

MECHANIC Charles & Bryan

JOB NAME/LOCATION

Ashland Farms

JOB NUMBER

PROBLEM: service

REPAIRED: serviced

PARTS: All Filters

546.33

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 513

MAKE Cat

MODEL 315F

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: _____ DATE COMPLETED 11-19-19

MECHANIC Ben

JOB NAME/LOCATION

Cargill

JOB NUMBER

PROBLEM: _____

REPAIRED: broken quick connects for hammer

PARTS quick connects 448.00

Nashville Rubber & Metal

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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 12-6-19 DATE COMPLETED 12-7-19

MECHANIC ALL

JOB NAME/LOCATION

JOB NUMBER

Shop

PROBLEM: hoses leaking Hammer needs repaired

REPAIRED: repaired hammer bracket
replaced both main hammer hoses

PARTS <u>2-Hoses</u>	<u>816.²¹</u>	<u>Nashville Rubber & Gasket</u>
<u>4-bolts & nuts</u>	<u>19.⁶⁷</u>	<u>Action Bolt.</u>
<u>Foot bolt.</u>	<u>33.⁸³</u>	<u>Action Bolt</u>
<u>Brackets</u>		<u>PITTMAN Equipment</u>

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513
MAKE CAT
MODEL 315F
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 12-9-19

MECHANIC _____

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: Extra Quick disconnects

REPAIRED: _____

PARTS Male + Female Coupler 250.06

IRYG

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 315F #0513

MAKE CAT

MODEL 315F

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: _____ DATE COMPLETED 1-20-2020

MECHANIC Ben + Charles

JOB NAME/LOCATION

Thorne Place

JOB NUMBER

PROBLEM: Teeth missing on 2nd bucket
left joystick broken

REPAIRED: replaced joystick + missing teeth

PARTS: Teeth Pins + locks 290. ¹⁰

Joystick 913. ^{PP} 136. ⁷³

- 143302

- 149-5733

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513
MAKE CAT
MODEL 315F
SERIAL # _____
HOUR METER 1K 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 2-11-2020 DATE COMPLETED 3-17-2020
MECHANIC ALL

JOB NAME/LOCATION

Jones Brummett

JOB NUMBER

PROBLEM: service

REPAIRED: serviced

replaced broken grease line

PARTS: All Filters
have

453.23
31.3L

Thompson
Cook Auto Electric

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0573

MAKE Cat

MODEL 315F

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 3-30-2020

MECHANIC Charles

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: missing Teeth

REPAIRED: replaced Teeth

PARTS: 3-Teeth, Pins, & Retainers 243.42 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

SERIAL # _____

HOUR METER 1,500 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 7-27-20 DATE COMPLETED 8-18-20

MECHANIC Ben

JOB NAME/LOCATION

Cumberland Behavior

JOB NUMBER

PROBLEM: Service

REPAIRED: serviced

PARTS: Filters

490 48

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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 9-29-20

MECHANIC Ben

JOB NAME/LOCATION

JOB NUMBER

Cedar Crossing

PROBLEM: 48" bucket tooth broken

REPAIRED: replaced tooth

PARTS:

Tooth ~~14~~ 14-3252 43.60 Thompson

Pin 132-4763

Retainer 149-5733

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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: _____ DATE COMPLETED 3-24-21

MECHANIC Ben

JOB NAME/LOCATION

GARGI

JOB NUMBER

PROBLEM: broken steel aux. line.

REPAIRED: changed over to hose.

Two to three weeks out on line. Germany

PARTS Hoses

183.74

Cracks

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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: _____ DATE COMPLETED 4-9-21

MECHANIC Ben

JOB NAME/LOCATION

JOB NUMBER

Gargi

PROBLEM: blown hose

REPAIRED: replaced blown hammer hose

PARTS: <u>Hammer hose</u>	<u>705.25</u>	<u>Nashville Rubber & Gasket</u>
<u>Tube repair</u>	<u>34.24</u>	<u>Nashville Rubber & Gasket</u>

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

SERIAL # _____

HOOR 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: 4-1-21 DATE COMPLETED 4-20-21

MECHANIC Ben

JOB NAME/LOCATION

JOB NUMBER

Ganji

PROBLEM: Service

REPAIRED: Serviced

PARTS: All Filters

345.59

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0573

MAKE Cat

MODEL 315F

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: _____ DATE COMPLETED 7-19-21

MECHANIC Caleb

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: broken connectors

REPAIRED: replaced connectors

PARTS Quick connects 347.11

IR+G

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THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE Cat

MODEL 315F

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: _____ DATE COMPLETED 2-10-22

MECHANIC MARTY

JOB NAME/LOCATION

McKarry

JOB NUMBER

PROBLEM: hoses hit side of bank
broke hyd hose + grease hose

REPAIRED: replaced hoses

PARTS: Hyd hose + Grease hose 420⁰⁰ Nashville Rubber + Gasket

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SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 00713

MAKE Cat

MODEL 315F

SERIAL # _____

HOUR 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: 4-1-22 DATE COMPLETED 4-4-22

MECHANIC Ben + Anthony

JOB NAME/LOCATION Iron Mountain JOB NUMBER _____

PROBLEM: service

REPAIRED: serviced

PARTS: 476.65 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

SERIAL # _____

OUR METER 3,500 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: 9-8-22 DATE COMPLETED 10-13-22

MECHANIC Anthony

JOB NAME/LOCATION West Trinity JOB NUMBER _____

PROBLEM: Service

REPAIRED: Serviced

PARTS All Filters 562.40 Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE CAT

MODEL 315F

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 _____

MECHANIC Ben

JOB NAME/LOCATION

JOB NUMBER

Cave Tour Home

PROBLEM: broken hoses + fittings

REPAIRED: Hammer hoses + fittings

PARTS: <u>Seals</u>	<u>25.00</u>	<u>Nashville Rubber & Gasket</u>
<u>Fittings</u>	<u>197.95</u>	<u>IR+G</u>

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THORNE'S EXCAVATING COMPANY, LLC
SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513
MAKE Cat
MODEL 315F
SERIAL # _____
HOUR METER 4K 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 4-14-23

MECHANIC Anthony

JOB NAME/LOCATION West Trinity JOB NUMBER _____

PROBLEM: service

REPAIRED: serviced

PARTS:

Filters

675.23

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME		COMPONENT CODES	
EQUIP # <u>0513</u> MAKE <u>CAT</u> MODEL <u>315F</u> SERIAL # _____ HOUR METER <u>4K HRS</u> MILES _____		HOURS _____ DAYS _____ REASON _____ PARTS _____ LABOR _____ OTHER _____		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: <u>6-15-23</u> DATE COMPLETED <u>6-17-23</u> MECHANIC <u>All</u>	
PROBLEM: <u>Service</u>				JOB NAME/LOCATION <u>Anthem</u> JOB NUMBER _____	
REPAIRED: <u>Serviced</u>					
PARTS: <u>Filters</u> <u>425.37</u> <u>Thompson</u>					

TEC

THORNE'S EXCAVATING COMPANY, LLC SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME		COMPONENT CODES	
EQUIP. # <u>0513</u>		HOURS _____ DAYS _____		BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>CAT</u>		REASON _____		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>315F</u>		PARTS _____ LABOR _____		COMPONENT LOCATION	
SERIAL # _____		OTHER _____		FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER <u>4380 HRS</u>		OTHER _____		OTHER _____	
MILES _____					
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED				DATE: <u>7-27-23</u> DATE COMPLETED: <u>8-7-23</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH				MECHANIC <u>All</u>	
SMOKES SHORTED VIBRATE OTHER _____				JOB NAME/LOCATION: <u>To Shop</u>	
PROBLEM: <u>no A/C broken panels, put blade back on.</u>				JOB NUMBER _____	

REPAIRED: replaced condensor, Drier & one Tube.
Replaced RT Front side & Right lower
body panels. cleaned out & repaired quick link.

PARTS: <u>Drier & Tube</u>	<u>177.12</u>	<u>Thompson</u>
<u>Condensor & Panel</u>	<u>428.95</u>	<u>Thompson</u>
<u>Panel & bolts</u>	<u>656.50</u>	<u>Thompson</u>
<u>Fender</u>	<u>783.29</u>	<u>Thompson</u>

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0573

MAKE Cat

MODEL 315F

SERIAL # _____

HOURLY METER 4,500 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: 9-24-23 DATE COMPLETED 10-3-23

MECHANIC Anthony & Justin

JOB NAME/LOCATION

Stone Trace

JOB NUMBER

PROBLEM: Service

REPAIRED: Service

PARTS:

Filters

507.62

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION	EQUIPMENT DOWNTIME	COMPONENT CODES
EQUIP. # <u>0513</u>	HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS
MAKE <u>CAT</u>	REASON _____	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED
MODEL <u>315F</u>	PARTS _____ LABOR _____	COMPONENT LOCATION
SERIAL # _____	OTHER _____	FRONT REAR LEFT RIGHT UPPER LOWER
HOURS <u>4800 HRS</u>		OTHER _____
MILES _____		

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

DATE: _____ DATE COMPLETED _____

MECHANIC

All + Service At Thompson

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: Turned repair over to Thompson
quick link quit working.

REPAIRED: replaced two sensors.
Thompson replaced + repaired some wiring
harness. Software update.

PARTS: Sensor

502.07

Thompson

Sensor

455.43

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION

EQUIP. # 0513

MAKE Cat

MODEL 315F

SERIAL # _____

HOOR METER 5K 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: 7-2-24 DATE COMPLETED 7-16-24

MECHANIC Anthony

JOB NAME/LOCATION

JOB NUMBER

PROBLEM: Service

REPAIRED: serviced

PARTS: Filters

533.25

Thompson

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>0513</u>	HOURS _____ DAYS _____ REASON PARTS _____ LABOR _____ OTHER _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS		
MAKE <u>315F CAT</u>		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED		
MODEL <u>315F</u>		COMPONENT LOCATION		
SERIAL # _____		FRONT REAR LEFT RIGHT UPPER LOWER		
HOUR METER _____		OTHER _____		
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED		DATE <u>8-13-24</u>	DATE COMPLETED <u>8-20-24</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH		MECHANIC <u>Ben to Anthony</u>		
SMOKES SHORTED VIBRATE OTHER _____		JOB NAME/LOCATION <u>to Jago</u>	JOB NUMBER	
PROBLEM: <u>bad h+Air Motor</u>				
REPAIRED: <u>replaced fan motor in cab.</u>				
PARTS: <u>motor & relay</u> <u>306.35</u> <u>Thompson</u>				

TEC

THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>0513</u>		HOURS _____ DAYS _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Cat</u>		REASON _____	POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>315F</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>10-1-25</u> DATE COMPLETED <u>10-1-25</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Ben</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>Shop</u>	JOB NUMBER _____
PROBLEM: <u>dead battery</u>				
REPAIRED: <u>replaced batteries</u>				
PARTS: <u>2-MCP-65</u> <u>344.50</u> <u>Ink state battery</u>				

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>0513</u>	HOURS _____ DAYS _____	REASON	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>Cat</u>			POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>315F</u>	PARTS	LABOR	COMPONENT LOCATION	
SERIAL # _____	OTHER _____		FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER <u>5500 HRS</u>			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE: <u>11-5-25</u> DATE COMPLETED <u>11-7-25</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Ben</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION	JOB NUMBER
			<u>High Park</u>	

PROBLEM: Service

REPAIRED: serviced

PARTS: Filters 577.43 Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME	COMPONENT CODES	
EQUIP. # <u>0573</u>	HOURS _____ DAYS _____	REASON PARTS _____ LABOR _____	BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>CAT</u>			POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>315F</u>	OTHER _____	OTHER _____	COMPONENT LOCATION	
SERIAL # _____			FRONT REAR LEFT RIGHT UPPER LOWER	
HOUR METER _____			OTHER _____	
MILES _____				
REASON FOR FAILURE: BROKEN WORN ABUSE LOOSE SEIZED			DATE <u>1-7-26</u> DATE COMPLETED <u>1-7-26</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH			MECHANIC <u>Be</u>	
SMOKES SHORTED VIBRATE OTHER _____			JOB NAME/LOCATION <u>High Park</u>	
			JOB NUMBER _____	

PROBLEM: Engine light on.

REPAIRED: replaced no.1 NOX sensor
replaced no.2 NOX sensor
Did a regen. Machine is O.K. as of now.

PARTS: sensor & kit 1,327.¹⁹ Thompson
sensor & kit 1,327.¹⁹ Thompson

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THORNE'S EXCAVATING COMPANY, LLC

SINCE 1963

EQUIPMENT INFORMATION		EQUIPMENT DOWNTIME		COMPONENT CODES	
EQUIP. # <u>0573</u>		HOURS _____ DAYS _____		BASIC MACHINE HYDRAULIC ENGINE IMPLEMENTS	
MAKE <u>CAT</u>		REASON _____		POWER TRAIN ELECTRIC DRIVE TRAIN UNEXPLAINED	
MODEL <u>315F</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>4-8-26</u> DATE COMPLETED <u>4-14-26</u>	
OVERHEAT PLANNED CONTAM LEAKING NOISY SCRATCH				MECHANIC <u>Ben</u>	
SMOKES SHORTED VIBRATE OTHER _____				JOB NAME/LOCATION	
				<u>Shop</u>	
				JOB NUMBER	

PROBLEM: EMISSIONS FAULT

REPAIRED: replaced def. injector. Did major regen. Thompson cleared code.

PARTS: Def injector 1135.49 Thompson