

Thompson

Thompson Machinery/Thompson Power



OIL ANALYSIS REPORT

THORNE BROTHERS
624 OLD HORN SPRINGS ROAD
LEBANON, TN 37087-1811

CUSTOMER EQUIPMENT NUMBER: 167-3966
JOB SITE:
MANUFACTURER: Caterpillar
MODEL: 924G
SERIAL NUMBER: 9SW02241
COMPARTMENT NAME: Transmission-PS
SAMPLE OIL BRAND/WEIGHT: CAT
OIL CHANGED AT SAMPLE TIME? No

LAB CONTROL NUMBER: 03B03347
OVERALL EVALUATION: Normal

SAMPLE DATE	EQUIPMENT (HOURS)	(HOURS) ON OIL	ADDED SINCE CHANGE
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02/14/03	500	500	
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ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

CURRENT

12/02/02			
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ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

PREVIOUS #1

11/27/02	258		.25
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PREVIOUS #2

PREVIOUS #3

WEAR ELEMENTS:

OIL CONDITION/CONTAMINANTS

CU	FE	CR	PB	AL	SI	MO	NA	MG	SN	P	ZN	K	CA	W	F	A	ST	OXI	NIT	SUL	VIS
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19	14	0	1	1	2		12		0												
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CURRENT

15	11	1	1	2	1		10		0												
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PREVIOUS #1

PREVIOUS #2

PREVIOUS #3

AL = ALUMINUM
CR = CHROME
CU = COPPER
FE = IRON

PB = LEAD
NA = SODIUM
MO = MOLYBDENUM
SI = SILICON

ST = SOOT
SUL = SULPHUR PRODUCTS
OXI = OXIDATION
NIT = NITRATION

P = POSITIVE
N = NEGATIVE
TR = TRACE

F = FUEL
A = ANTIFREEZE
W = WATER
VIS = VISCOSITY

NOTICE: THIS ANALYSIS IS INTENDED AS AN AID IN PREDICTING MECHANICAL WEAR. NO GUARANTEE, EXPRESS OR IMPLIED, IS MADE AGAINST FAILURE OF THIS PIECE OF EQUIPMENT OR A COMPONENT PART THEREOF.

EQUIPMENT
REPAIRS

DATE 5-1-03

MILEAGE/HOURS 750

EQUIPMENT REPAIRED 9246

REPAIRS MADE Service Complete Changed oil & filter
fuel filter. Check Hydro, Trans, Front
& Rear Rearends, Blow Air Filters, Replace
7 windows.

HOURS WORKED _____

PARTS USED

filters \$ 35.13

film \$ 36.54

EQUIPMENT
REPAIRS

DATE 4-28-03

MILEAGE/HOURS 750

EQUIPMENT REPAIRED 9246

REPAIRS MADE Replace Both side Door window
Two side back windows, Center & Right front
window, Left Bottom door Glass.

HOURS WORKED _____

PARTS USED

2 Door ~~Windows~~ ^{Windows} \$ 819.78

EQUIPMENT
REPAIRS

DATE 7-9-03

MILEAGE/HOURS 1000

EQUIPMENT REPAIRED 9246

REPAIRS MADE Complete Service changed
oil filter, fuel filter, hydra & trans filter.
sample everything.

HOURS WORKED _____

PARTS USED

All filters - \$ 225.78
Fuel filter - \$ 12.10

EQUIPMENT
REPAIRS

DATE 9-11-03

MILEAGE/HOURS 1250

EQUIPMENT REPAIRED 9246 #301

REPAIRS MADE Complete Service

changed engine oil and oil filter
fuel filter. blew air filter

HOURS WORKED _____

PARTS USED

all filters - \$188.04
No air

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LEBANON, TN 37087-1811

CUSTOMER EQUIPMENT NUMBER: 167-3966
JOB SITE:
MANUFACTURER: Caterpillar
MODEL: 924G
SERIAL NUMBER: 9SW02241
COMPARTMENT NAME: Hydraulic System
SAMPLE OIL BRAND/WEIGHT: CAT
OIL CHANGED AT SAMPLE TIME? No

LAB CONTROL NUMBER: 03B03357
OVERALL EVALUATION: Normal

SAMPLE DATE	EQUIPMENT (HOURS)	(HOURS) ON OIL	ADDED SINCE CHANGE
02/14/03			
02/11/03	500	500	0

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

CURRENT

12/02/02

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

PREVIOUS #1

11/27/02

PREVIOUS #2

PREVIOUS #3

WEAR ELEMENTS:

OIL CONDITION/CONTAMINANTS

CU	FE	CR	PB	AL	SI	MO	NA	MG	SN	P	ZN	K	CA	W	F	A	ST	OXI	NIT	SUL	VIS
1	2	0	1	0	2		0		2												CURRENT
2	3	1	2	1	2		1		3												PREVIOUS #1
																					PREVIOUS #2
																					PREVIOUS #3

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EQUIPMENT
REPAIRS

DATE 1-6-04

MILEAGE/HOURS 1500

EQUIPMENT REPAIRED #301 9246

REPAIRS MADE Complete Service oil & filter
hydro, trans, fuel. Blown air
filter.

HOURS WORKED _____

PARTS USED

filters - \$178.04

filter \$12.35

EQUIPMENT
REPAIRS

DATE 2-16-04

MILEAGE/HOURS 1633

EQUIPMENT REPAIRED #301 9246

REPAIRS MADE replace steering hose

HOURS WORKED _____

PARTS USED

hose #52.16

EQUIPMENT
REPAIRS

DATE 3-16-04

MILEAGE/HOURS 1750

EQUIPMENT REPAIRED 9246 #301

REPAIRS MADE Complete Service oil & filter
fuel filters Blow Air. ~~Oil~~ New
gasket on seed steering pump.

HOURS WORKED _____

PARTS USED

All filters \$182.32

Gasket \$

EQUIPMENT
REPAIRS

DATE 6-10-04

MILEAGE/HOURS 2000

EQUIPMENT REPAIRED 9246

REPAIRS MADE Complete Service

HOURS WORKED _____

PARTS USED

all filters \$177.55
filter \$12.35

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LEBANON, TN 37087-1811

CUSTOMER EQUIPMENT NUMBER: 167-3966
JOB SITE:
MANUFACTURER: Caterpillar
MODEL: 924G
SERIAL NUMBER: 9SW02241
COMPARTMENT NAME: Engine
SAMPLE OIL BRAND/WEIGHT: 15W40
OIL CHANGED AT SAMPLE TIME?

LAB CONTROL NUMBER: 03B03324
OVERALL EVALUATION: Normal

SAMPLE DATE	EQUIPMENT (HOURS)	(HOURS) ON OIL	ADDED SINCE CHANGE
02/14/03			
02/11/03	500	250	

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

CURRENT

12/02/02

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

PREVIOUS #1

11/27/02 250

1

PREVIOUS #2

PREVIOUS #3

WEAR ELEMENTS:

OIL CONDITION/CONTAMINANTS

CU	FE	CR	PB	AL	SI	MO	NA	MG	SN	P	ZN	K	CA	W	F	A	ST	OXI	NIT	SUL	VIS
22	21	1	4	1	4		3		1				N	N	N		33	44		0	
54	31	3	10	3	8		2		5				N	N	N		36	11		0	
PREVIOUS #2																					
PREVIOUS #3																					

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MO = MOLYBDENUM
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CUSTOMER EQUIPMENT NUMBER: 167-3966
JOB SITE:
MANUFACTURER: Caterpillar
MODEL: 924G
SERIAL NUMBER: 9SW02241
COMPARTMENT NAME: Differential-Rear
SAMPLE OIL BRAND/WEIGHT: CAT
OIL CHANGED AT SAMPLE TIME? No

LAB CONTROL NUMBER: 03B03339
OVERALL EVALUATION: Normal

02/14/03

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

SAMPLE DATE	EQUIPMENT (HOURS)	(HOURS) ON OIL	ADDED SINCE CHANGE
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CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

02/11/03	500	500	0
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CURRENT

PREVIOUS #1

PREVIOUS #2

PREVIOUS #3

WEAR ELEMENTS:

CU	FE	CR	PB	AL	SI	MO	NA	MG	SN	P	ZN	K	CA	W	F	A	ST	OXI	NIT	SUL	VIS
63	57	1	0	7	10		14		0												

CURRENT

PREVIOUS #1

PREVIOUS #2

PREVIOUS #3

AL = ALUMINUM
CR = CHROME
CU = COPPER
FE = IRON

PB = LEAD
NA = SODIUM
MO = MOLYBDENUM
SI = SILICON

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SUL = SULPHUR PRODUCTS
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CUSTOMER EQUIPMENT NUMBER: 167-3966
JOB SITE:
MANUFACTURER: Caterpillar
MODEL: 924G
SERIAL NUMBER: 9SW02241
COMPARTMENT NAME: Differential-Front
SAMPLE OIL BRAND/WEIGHT: CAT
OIL CHANGED AT SAMPLE TIME? No

LAB CONTROL NUMBER: 03B03338
OVERALL EVALUATION: Normal

02/14/03

ALL READINGS APPEAR TO BE NORMAL AT THIS TIME.

SAMPLE DATE	EQUIPMENT (HOURS)	(HOURS) ON OIL	ADDED SINCE CHANGE
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CONTINUE SAMPLING AT THE RECOMMENDED INTERVAL.

02/11/03	500	500	0
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PREVIOUS #1

PREVIOUS #2

PREVIOUS #3

WEAR ELEMENTS:

OIL CONDITION/CONTAMINANTS

CU	FE	CR	PB	AL	SI	MO	NA	MG	SN	P	ZN	K	CA	W	F	A	ST	OXI	NIT	SUL	VIS
46	58	1	0	6	12		12		0												

CURRENT

PREVIOUS #1

PREVIOUS #2

PREVIOUS #3

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CR = CHROME
CU = COPPER
FE = IRON

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