



Unit No. H-112
Diesel Engine

Unit: Komatsu
Model PC160LC-8
Serial No.
Site

Compartment: Diesel Engine
Name
Make Komatsu
Model
Serial No.
Capacity:

Customer: KLB CONSTRUCTION(LAKESIDE IND)
P O Box 158
Lynnwood WA 98087
USA

DIAGNOSIS

All wear rates normal. Abrasive and other contaminant levels are acceptable. Viscosity within specified operating range. Action: As oil and filter(s) already changed, resample next service interval to further monitor.

ANALYST: Sam Smith Portland


Normal


Severe


Abnormal


Caution


Normal

LEGEND

DATE SAMPLED	25-Jun-22	19-Nov-21	18-Feb-21	13-Aug-20	07-Feb-20	10-Sep-19
DATE RECEIVED	30-Jun-22	17-Dec-21	03-Mar-21	24-Aug-20	20-Feb-20	19-Sep-19
DATE REPORTED	06-Jul-22	20-Dec-21	11-Mar-21	01-Sep-20	21-Feb-20	26-Sep-19
LAB NO. 40111367765 40111305039 40111206211 40111141601 40111080235 40111025607						
SIF NO.	700406818	39364085	38403013	37237811	36812930	35610851
TIME ON UNIT	ml 12460	12185	11944	11694	11469	11240
OIL BRAND	Chevron	Chevron	Chevron	Chevron	Chevron	Chevron
OIL TYPE	Delo 400 LE	Delo 400 LE	Delo 400 LE	Delo 400 LE	Delo 400 LE	Delo 400 LE
OIL GRADE	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40	SAE 15W40
OIL ADDED						
FILTER						
OIL CHANGED	Changed	Not Changed	Changed	Not Changed	Changed	Not Changed
WO NUMBER						

Metals (ppm)						
Iron (Fe)	13	9	18	14	17	8
Chromium (Cr)	<1	<1	<1	<1	<1	<1
Lead (Pb)	<1	<1	<1	<1	<1	<1
Copper (Cu)	<1	<1	<1	<1	<1	<1
Tin (Sn)	<1	1	<1	<1	<1	<1
Aluminium (Al)	3	2	3	3	4	4
Nickel (Ni)	<1	<1	<1	<1	<1	<1
Silver (Ag)	<1	<1	<1	<1	<1	4
Titanium (Ti)	<1	<1	<1	<1	<1	<1
Vanadium (V)	<1	<1	<1	<1	2	<1

Contaminants (ppm)						
Silicon (Si)	4	4	4	6	4	4
Sodium (Na)	3	2	2	2	3	3
Potassium (K)	3	2	<1	3	2	16

Additives (ppm)						
Magnesium (Mg)	774	784	755	741	462	427
Calcium (Ca)	1681	1604	1357	1358	1661	1604
Barium (Ba)	<1	<1	<1	<1	<1	<1
Phosphorus (P)	827	838	754	818	1103	1029
Zinc (Zn)	952	951	889	866	1301	1138
Molybdenum (Mo)	5	4	14	13	99	93
Boron (B)	83	97	108	129	417	446

Contaminants						
Water (%)	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Coolant	No	No	No	No	No	No

Physical Tests						
Viscosity (cSt 100C)	13.8	13.9	13.9	13.7	14.2	14.0
Fuel (%)	<1	<1	<1	1.30	<1	<1
Soot (%) Infrared	0.1	<0.1	0.2	<0.1	0.2	<0.1

Physical / Chemical						
Base Number (mgKOH/g)	4.7	4.1	3.7	5.1	5.0	6.1
Oxidation (Abs/0.1mm)	14	13	15	14	18	17
E2412/D7414						
Nitration (Abs/0.1mm) E2412	9	8	9			





LUBE CHECKLIST

500 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>4112</u>		JOB # <u>098</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>12460</u>	
OTHER		LOCATION <u>Riverfront</u>	
TYPE OF SERVICE ☒ 500 HR ☐ 1500 HR			

FLUID / FILTERS CHANGED

- | | | |
|---|---|--|
| 1 ☒ ENGINE OIL AND FILTER CHANGED? FRONT/REAR | 3 ☒ HYDRAULIC FILTER CHANGED? | 5 ☐ WINCH FILTER CHANGED? |
| 2 ☐ TRANSMISSION FILTER CHANGED? | 4 ☒ FUEL FILTER CHANGED AND SCREEN CLEANED? | 6 ☐ CHANGED HYD STEERING FILTER (OHT) |

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

- | | | | |
|--|---|---|--|
| 7 ☒ ENGINE F R | 11 ☐ REAR DIFF. | 15 ☐ CIRCLE DR. | 19 ☒ SWING DR. |
| 8 ☐ TRANS F R | 12 ☐ FINALS RF/LF | 16 ☐ SPEED REDUCER | 20 ☐ COOLANT _____ F° |
| 9 ☒ HYDRAULIC | 13 ☒ FINALS RR/LR | 17 ☐ SPINDLE L R | |
| 10 ☐ FRONT DIFF. | 14 ☐ TANDEM R L | 18 ☐ STEERING | |

OTHERS:

CHECKED

- | | | | |
|--|---|--|--|
| 22 ☒ AIR FILTERS | 30 ☐ INHIBITOR | 38 ☐ GREASED FITTINGS | 46 ☒ SEAT BELT CONDITION |
| 23 ☒ BATTERIES | 31 ☐ AIR TANKS | 39 ☒ BREATHERS | 47 ☒ SERVICE INTERVAL NOTIFICATION DECAL COMPLETED |
| 24 ☒ ALTERNATOR | 32 ☐ UNIV. JOINTS | 40 ☐ FIRE EX CHG. | |
| 25 ☐ BRAKE RESERVE | 33 ☐ AIR FILTER INDICATOR | 41 ☐ BACK ALARM | |
| 26 ☒ GAUGES | 34 ☐ PRE-CLEANER | 42 ☐ BRAKE LIGHTS | 48 ☐ FRONT AXLE BEARING(MTG) |
| 27 ☒ HORN | 35 ☒ CAPS, COVERS | 43 ☐ EXPOSED WIRING | 49 ☐ RECOIL OIL COMPARTMENT (HIGH TRACK) |
| 28 ☐ ROTATING BEACON | 36 ☐ TURN SIGNALS | 44 ☐ GRAB IRONS | 50 ☐ HYD. STEERING FILTER (OHT) |
| 29 ☐ PARKING BRAKE | 37 ☐ FAN BELTS | 45 ☐ ROPS/FOPS | |

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS:

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added


SERVICEMAN SIGNATURE

6-25-22
DATE



"An Equal Opportunity/Affirmative Action Employer"



LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>7-112</u>		JOB # <u>056R</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>12185 Hrs</u>	
OTHER		LOCATION	
TYPE OF SERVICE	☒ 250 HR ☐ 750 HR ☐ 1250 HR ☐ 1750 HR		

FLUID / FILTERS CHANGED

ENGINE OIL & FILTER CHANGE? <u>N</u> FRONT / REAR	ENGINE OIL SAMPLE TAKEN? <u>Y</u> FRONT / REAR	FUEL FILTER CHANGED & SCREEN CLEANED? <u>N</u>
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FLUID LEVELS CHECKED

1 ☒ ENGINE F R	5 ☐ REAR DIFF	9 ☒ CIRCLE DR	13 ☒ SWING DR.
2 ☐ TRANS F R	6 ☐ FINALS RF/LF	10 ☒ SPEED REDUCER	14 ☒ COOLANT _____ F°
3 ☒ HYDRAULIC	7 ☒ FINALS RR/LR	11 ☐ SPINDEL L R	
4 ☐ FRONT DIFF.	8 ☐ TANDEM S R L	12 ☐ STEERING	

OTHERS:

CHECKED

16 ☒ AIR FILTERS	23 ☐ PARKING BRAKE	30 ☐ TURN SIGNALS	37 ☒ EXPOSED WIRING
17 ☒ BATTERIES	24 ☐ INHIBITOR	31 ☒ FAN BELTS	38 ☐ GRAB IRONS
18 ☒ ALTERNATOR	25 ☐ AIR TANKS	32 ☒ GREASED FITTINGS	39 ☐ ROPS/FOPS
19 ☐ BRAKE RESERVE	26 ☐ UNIV. JOINTS	33 ☒ BREATHERS	40 ☐ SEAT BELT CONDITION
20 ☒ GAUGES	27 ☒ AIR FILTER INDICATOR	34 ☐ FIRE EX CHG.	41 ☒ SERVICE INTERVAL NOTIFICATION DECAL COMPLETED
21 ☒ HORN	28 ☒ PRE-CLEANER	35 ☒ BACK ALARM	
22 ☐ ROTATING BEACON	29 ☒ CAPS, COVERS	36 ☐ BRAKE LIGHTS	

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS: Sample One

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added

SERVICEMAN SIGNATURE

DATE



"An Equal Opportunity/Affirmative Action Employer"

AW



LUBE CHECKLIST

1000/2000 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>H112</u>		JOB # <u>080</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>11944</u>	
OTHER		LOCATION <u>Harbor Reach</u>	
TYPE OF SERVICE	☒ 1000 HR ☐ 2000 HR		

FLUID / FILTERS CHANGED

- | | | |
|---|---|---|
| 1 ☒ ENGINE OIL AND FILTER CHANGED? FRONT/REAR | 6 ☒ FUEL FILTER CHANGED & SCREEN CHANGED? | 11 ☐ DIFFERENTIAL OIL CHANGED? |
| 2 ☐ TRANSMISSION FILTER CHANGED? | 7 ☐ WINCH FILTER CHANGED? | 12 ☐ BRAKE SYSTEM OIL CHANGED? |
| 3 ☐ TRANSMISSION OIL CHANGED? | 8 ☒ FINAL DRIVE OIL CHANGED? RF/LF/RR/LR? | 13 ☒ SWING DRIVE OIL? |
| 4 ☒ HYDRAULIC FILTER CHANGED? | 9 ☒ COOLANT CHANGED | |
| 5 ☒ HYDRAULIC OIL CHANGED? | 10 ☐ STEERING SYSTEM OIL CHANGED? | |

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

- | | | | |
|---|---|---|--|
| 14 ☒ ENGINE F R | 18 ☐ REAR DIFF. | 22 ☐ CIRCLE DR. | 26 ☒ SWING DR. |
| 15 ☐ TRANS F R | 19 ☒ FINALS RF/LF | 23 ☐ SPEED REDUCER | 27 ☐ COOLANT _____ F° |
| 16 ☒ HYDRAULIC | 20 ☐ FINALS RR/LR | 24 ☐ SPINDLE L R | |
| 17 ☐ FRONT DIFF. | 21 ☐ TANDEM S R L | 25 ☐ STEERING | |

OTHERS:

CHECKED

- | | | | |
|--|---|---|---|
| 29 ☒ AIR FILTERS | 39 ☐ UNIV. JOINTS | 49 ☐ BRAKE LIGHTS | 57 ☒ COND OF ROPS & MOUNT BOLTS |
| 30 ☒ BATTERIES | 40 ☐ AIR FILTER INDICATOR | 50 ☐ EXPOSED WIRING | 58 ☒ STARTING AND CHARGING SYSTEM |
| 31 ☒ ALTERNATOR | 41 ☐ PRE-CLEANER | 51 ☐ GRAB IRONS | 59 ☒ ENGINE NOISE, SMOKE, LEAKS |
| 32 ☐ BRAKE RESERVE | 42 ☐ CAPS, COVERS | 52 ☐ ROPS/FOPS | 60 ☒ SEAT BELT CONDITION |
| 33 ☒ GAUGES | 43 ☐ TURN SIGNALS | 53 ☐ SERVICE INTERVAL NOTIFICATION DECAL COMPLETED | 61 ☐ BRAKE ACCUMULATOR CHARGE (OHT) |
| 34 ☒ HORN | 44 ☐ FAN BELTS | 54 ☐ ENGINE VALVE ADJ. _____ INTAKE _____ EXHAUST | 62 ☐ MAIN FRAME BODY SUPP. (OHT) |
| 35 ☐ ROTATING BEACON | 45 ☒ GREASED FITTINGS | 55 ☐ VALVE COVER GASKET REPL | |
| 36 ☐ PARKING BRAKE | 46 ☐ BREATHERS | 56 ☐ TRANS OPER. NOISE, LEAKS | |
| 37 ☐ INHIBITOR | 47 ☐ FIRE EX CHG. | | |
| 38 ☐ AIR TANKS | 48 ☒ BACK ALARM | | |

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS:

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added

SERVICEMAN SIGNATURE

DATE



"An Equal Opportunity/Affirmative Action Employer"



LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # H112		JOB # 066	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 11694	
OTHER		LOCATION Riverside	
TYPE OF SERVICE	☒ 250 HR ☐ 750 HR ☐ 1250 HR ☐ 1750 HR		

FLUID / FILTERS CHANGED

ENGINE OIL & FILTER CHANGE? no FRONT / REAR	ENGINE OIL SAMPLE TAKEN? yes FRONT / REAR	FUEL FILTER CHANGED & SCREEN CLEANED? no
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FLUID LEVELS CHECKED

1 ☒ ENGINE F R	5 ☒ REAR DIFF	9 ☒ CIRCLE DR	13 ☒ SWING DR.
2 ☒ TRANS F R	6 ☒ FINALS RF/LF	10 ☒ SPEED REDUCER	14 ☒ COOLANT _____ F°
3 ☒ HYDRAULIC	7 ☒ FINALS RR/LR	11 ☒ SPINDEL L R	
4 ☒ FRONT DIFF.	8 ☒ TANDEMS R L	12 ☒ STEERING	
OTHERS:			

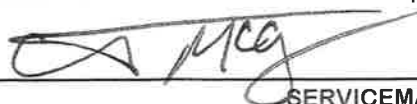
CHECKED

16 ☒ AIR FILTERS	23 ☒ PARKING BRAKE	30 ☒ TURN SIGNALS	37 ☒ EXPOSED WIRING
17 ☒ BATTERIES	24 ☒ INHIBITOR	31 ☒ FAN BELTS	38 ☒ GRAB IRONS
18 ☒ ALTERNATOR	25 ☒ AIR TANKS	32 ☒ GREASED FITTINGS	39 ☒ ROPS/FOPS
19 ☒ BRAKE RESERVE	26 ☒ UNIV. JOINTS	33 ☒ BREATHERS	40 ☒ SEAT BELT CONDITION
20 ☒ GAUGES	27 ☒ AIR FILTER INDICATOR	34 ☒ FIRE EX CHG.	41 ☒ SERVICE INTERVAL NOTIFICATION DECAL COMPLETED
21 ☒ HORN	28 ☒ PRE-CLEANER	35 ☒ BACK ALARM	
22 ☒ ROTATING BEACON	29 ☒ CAPS, COVERS	36 ☒ BRAKE LIGHTS	
OTHER:			

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS:

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added


SERVICEMAN SIGNATURE

8-13-20
DATE



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LUBE CHECKLIST

500 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # H112		JOB # 066	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 11469	
OTHER		LOCATION Riverside	
TYPE OF SERVICE ☒ 500 HR ☐ 1500 HR			

FLUID / FILTERS CHANGED

- | | | |
|---|---|--|
| 1 ☒ ENGINE OIL AND FILTER CHANGED? FRONT/REAR | 3 ☒ HYDRAULIC FILTER CHANGED? | 5 ☐ WINCH FILTER CHANGED? |
| 2 ☐ TRANSMISSION FILTER CHANGED? | 4 ☒ FUEL FILTER CHANGED AND SCREEN CLEANED? | 6 ☐ CHANGED HYD STEERING FILTER (OHT) |

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

- | | | | |
|--|---|---|---|
| 7 ☒ ENGINE F R | 11 ☐ REAR DIFF. | 15 ☐ CIRCLE DR. | 19 ☒ SWING DR. |
| 8 ☐ TRANS F R | 12 ☒ FINALS RF/LF | 16 ☐ SPEED REDUCER | 20 ☒ COOLANT _____ F° |
| 9 ☒ HYDRAULIC | 13 ☐ FINALS RR/LR | 17 ☐ SPINDLE L R | |
| 10 ☐ FRONT DIFF. | 14 ☐ TANDEM R L | 18 ☐ STEERING | |

OTHERS:

CHECKED

- | | | | |
|--|---|---|--|
| 22 ☒ AIR FILTERS | 30 ☐ INHIBITOR | 38 ☒ GREASED FITTINGS | 46 ☒ SEAT BELT CONDITION |
| 23 ☒ BATTERIES | 34 ☐ AIR TANKS | 39 ☒ BREATHERS | 47 ☒ SERVICE INTERVAL
NOTIFICATION DECAL
COMPLETED |
| 24 ☒ ALTERNATOR | 32 ☐ UNIV. JOINTS | 40 ☐ FIRE EX CHG. | |
| 25 ☐ BRAKE RESERVE | 33 ☒ AIR FILTER INDICATOR | 41 ☒ BACK ALARM | |
| 26 ☒ GAUGES | 34 ☒ PRE-CLEANER | 42 ☐ BRAKE LIGHTS | 48 ☐ FRONT AXLE BEARING (MTG) |
| 27 ☒ HORN | 35 ☒ CAPS, COVERS | 43 ☒ EXPOSED WIRING | 49 ☐ RECOIL OIL COMPARTMENT
(HIGH TRACK) |
| 28 ☐ ROTATING BEACON | 36 ☐ TURN SIGNALS | 44 ☒ GRAB IRONS | 50 ☐ HYD. STEERING FILTER
(OHT) |
| 29 ☐ PARKING BRAKE | 37 ☒ FAN BELTS | 45 ☒ ROPS/FOPS | |

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS:

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added

SERVICEMAN SIGNATURE

2-7-20
DATE



"An Equal Opportunity/Affirmative Action Employer"



LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # 4112		JOB # 004	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 11240	
OTHER		LOCATION E340	
TYPE OF SERVICE ☒ 250 HR ☐ 750 HR ☐ 1250 HR ☐ 1750 HR			

FLUID / FILTERS CHANGED

ENGINE OIL & FILTER CHANGE? NO FRONT / REAR	ENGINE OIL SAMPLE TAKEN? YES FRONT / REAR	FUEL FILTER CHANGED & SCREEN CLEANED? NO
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FLUID LEVELS CHECKED

1 ☒ ENGINE F R	5 ☐ REAR DIFF.	9 ☐ CIRCLE DR.	13 ☒ SWING DR.
2 ☐ TRANS F R	6 ☒ FINALS RF/LF	10 ☐ SPEED REDUCER	14 ☒ COOLANT _____ F°
3 ☒ HYDRAULIC	7 ☐ FINALS RR/LR	11 ☐ SPINDLE L R	
4 ☐ FRONT DIFF.	8 ☐ TANDEMS R L	12 ☐ STEERING	

OTHERS:

CHECKED

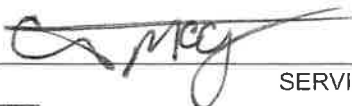
16 ☒ AIR FILTERS	23 ☐ PARKING BRAKE	30 ☐ TURN SIGNALS	37 ☒ EXPOSED WIRING
17 ☒ BATTERIES	24 ☐ INHIBITOR	31 ☒ FAN BELTS	38 ☒ GRAB IRONS
18 ☒ ALTERNATOR	25 ☐ AIR TANKS	32 ☐ GREASED FITTINGS	39 ☒ ROPS/FOPS
19 ☐ BRAKE RESERVE	26 ☐ UNIV. JOINTS	33 ☐ BREATHERS	40 ☐ SEAT BELT CONDITION
20 ☒ GAUGES	27 ☒ AIR FILTER INDICATOR	34 ☐ FIRE EX CHG.	41 ☒ SERVICE INTERVAL NOTIFICATION DECAL COMPLETED
21 ☒ HORN	28 ☒ PRE-CLEANER	35 ☒ BACK ALARM	
22 ☐ ROTATING BEACON	29 ☐ CAPS, COVERS	36 ☐ BRAKE LIGHTS	

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS:

ABBREVIATIONS: Yes No RR = Requires Repair OK = No Repair Required NA = Not Applicable MF = Make up Fluid Added



SERVICEMAN SIGNATURE

9-10-19

DATE



"An Equal Opportunity/Affirmative Action Employer"



Incoming / Outgoing Machine Quality Assurance Inspection

Customer: A-112 Date: 8-10-16
 Model: PC160LC-700 S/N: C10079
 W/O #: 13191 Hours: 9255

Authorization # _____
 P O # _____

Checkmark = OK; X = Needs Repair; NA = Not Applicable

Fluid Checks	In	Out	Comments
1 Engine Oil:	☒		Low 3 QTS
2 Engine Coolant:	☒		
3 Transmission:			
4 Hydraulic:	☒		
5 Finals:	☒		
6 Differentials:			
7 Attachment:			
8 Service Dewatering:	☒		
9 Pump Drive:			
10 Swing/Circle:	☒		
11 Swing Grease:	☒		
12 Tandems:			
13 Pivot Shaft:			
14 Fuel:	☒		
15 Service Brakes:			
16 Lubricate Machine:	☒		
17 SOS All:			
18 Batteries:	☒		
19 Recoil Housings:			
20 Transfer Drive:			
21 Feeder Planetaries:			

Visual Checks	In	Out	Comments
22 Leaks	☒		
23 Loose Htdwr			
24 Undercarriage	☒		5 Rockets / Bushings worn out
25 Attachments			
26 Under Guards	☒		
27 Air/Pre Cleaners	☒		
28 Cab/Glass/Clean?	☒		
29 Latches	☒		
30 Rails/Steps	☒		
31 Tires/Press	☒		
32 Seat/Belt	☒		
33 Heater/AC	☒		expired tag
34 Belts/Pulleys	☒		
35 Travel Alarm	☒		
36 Swing/Parking Brake	☒		
37 Service brakes	☒		
38 Starting	☒		
39 Steering			
40 Transmission			
41 Gauges	☒		
42 Hydraulics	☒		arm drift
43 Implements			
44 Linkage/Pins	☒		

NO repair time

NO repair time

Repair Recommendation:

(continued on back)

Left Boom cyl. Packing very small leak
 Top of stick needs to be fine bored
 ASM cyl. Drifts in #4 4.5 hose leak @ pump
 Bad piston packing

Bucket cyl. Rod has small scratches
 Right side sure grip to 90°
 Remote line oil filter hoses
 Coupler hoses @ top of boom need more zip ties

Incoming Inspector:

AREN HYDE

Outgoing Inspector:

Need new Hyd. Tank Breather hose

✓ Need new cab Door Seal
 ✓ Broken tube clamp @ Base end of arm cyl.
 ✓ Exhaust leak @ manifold #4 Parts are here
 ✓ Right side thumb hose @ coupler Valve Leaks @ Drifts

✓ Track Pad bolt missing @ Left side &
 ✓ 1 @ Right Side
 ✓ Both Right side mirrors are gone
 ✓ Need to Replace breather hoses = leaking under cab
 ✓ A/C Remote Filter & Frame missing
 ✓ Cab door seal

WORK ORDER

NO. 13191 EQUIPMENT# H-112 LOCATION Shop DATE 8-10-16

HOURS 9255 MILEAGE _____ MECH AREN DATE COMP. 8-22-16

DESCRIPTION OF WORK Set up machine for compactor

ITEM

1	Complete inspection
2	Remove Thumb & cylinder
3	Replace Broken Sure grip trigger Right side
4	Remove coupler & Send out for bore Repairs. & arm tip Bore Repair
5	Remove arm cyl. for Repair
6	Replace #4 LS hose @ Pump - Valve
7	Replace Both Remote eng. oil filter hoses
8	Replace thumb hose @ Left Side @ arm - Boom
9	Replace hyd. ^{Tank} Breather hose
10	Repairs Leak @ Right side thumb hose @ Control Valve (ORFS O-ring)
11	Replace Both Right side mirrors
12	Replace Both heater hoses
13	Replace Both A/c filters
14	Replace cab Door Seal
15	Replace Tube clamp Bracket @ Base end of arm cyl.
16	Replace exhaust manifold gaskets = Leak @ #4
17	Replace missing Track Rod Belts / Left & Right Side
18	Build C6C Compactor from used parts & new Top Plate unit # M-430

WORK ORDER

NO. 77151 EQUIPMENT# 440 LOCATION 51 DATE 8-10-16

HOURS 4255 MILEAGE MECH AEFN DATE COMP 8-22-16

DESCRIPTION OF WORK 77151 machine for compactors

ITEM

REPAIRS MADE

MECH

1	complete inspection see attached	AH
2	Removed Thumb & Thumb cylinders & cut off Pin stops @ Bucket Link & @ coupler, installed factory length Bucket Link, Pin & weld new Lock collar to Bucket Link, & Built new Ball Valve Brackets @ tip of stick.	
3	R&I Right Side Grip Trigger	
4	Removed coupler & sent out for Base Repair / Reinstall & Shim complete, & test op & fit Lock Pin	
5	Removed arm cyl. & sent out for Repair, Reinstall with new O-rings & test = ok.	
6	Removed #4 LS hose @ Pump-Valve & Built new hose & install with new O-rings & test = ok	
7	R&I Both Remote eng. oil filter hoses & clips & test = ok.	
8	Remove Left Thumb hose @ arm-Boom & Build new hose / install with new O-rings & test = ok.	
9	R&I Hyd. Tank Breather hose	
10	Replaced Blown O-rings @ Right thumb hose @ Control Valve.	
11	R&I Both Right Side mirrors.	
12	R&I Both heater hoses & Refill cooling system & test ok.	
13	R&I A/c filters	
14	R&I Cab Door Seal	
15	R&I Tube clamp Bracket @ Base of arm cyl.	
16	Remove Exhaust manifold & Turbo assy. / clean mating surfaces & Reinstall manifold with new gaskets & Bolts & torque @ 40 Ft/Lbs. install new Turbo Drain gasket & oil line O-ring / Reinstall muffler & test	
17	Remove 1 Track Pad @ Left Side & 1 @ Right Side & clean & Reinstall both Pads with all new Bolts	
18	Assemble CBC compactors with new motor & all new hardware & New Trip Date, weld on new Machine Bump Stops & weld on unit # M-480 / install new hoses & GC fittings & test op = ok & trip off Hyd. Oil.	