



LubeWatch®

UIN 00E05F0

Diesel Engine

Unit No. H-111

Unit: Komatsu

Model D375A-6R

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: Resample next service interval to further monitor.

ANALYST: Sam Smith Portland

Normal	Severe	Abnormal	Caution	Normal

LEGEND

(800) LUBE-808

DATE SAMPLED	DATE RECEIVED	DATE REPORTED	LAB NO.	SIF NO.	TIME ON UNIT	OIL BRAND	OIL TYPE	OIL GRADE	OIL ADDED	FILTER	OIL CHANGED	WO NUMBER
21-Oct-21	29-Oct-21	02-Nov-21	40111288710	39364056	10689	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
18-Jan-21	26-Jan-21	28-Jan-21	4011194539	38402911	10454	Chevron	Delo 400 LE	SAE 15W40			Changed	
09-Jul-20	16-Jul-20	23-Jul-20	40111128692	37237926	10201	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
18-Jun-19	21-Jun-19	24-Jun-19	40110993770	35610930	9982	Chevron	Delo 400 LE	SAE 15W40			Changed	
07-Dec-18	04-Jan-19	14-Jan-19	40110930713	34569458	9679	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
21-Jul-18	13-Aug-18	14-Aug-18	40110884497	33998549	9417	Chevron	Delo 400 LE	SAE 15W40	500		Changed	

Metals (ppm)	Iron (Fe)	Chromium (Cr)	Lead (Pb)	Copper (Cu)	Tin (Sn)	Aluminum (Al)	Nickel (Ni)	Silver (Ag)	Titanium (Ti)	Vanadium (V)
25	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
55	<1	<1	<1	2	1	6	<1	<1	<1	<1
31	<1	1	<1	<1	<1	6	<1	<1	<1	<1
68	<1	<1	<1	2	2	5	<1	<1	5	<1
35	<1	<1	<1	<1	<1	4	<1	<1	5	<1
91	<1	1	1	1	<1	3	<1	<1	<1	<1

Contaminants (ppm)	Silicon (Si)	Sodium (Na)	Potassium (K)	Additives (ppm)	Magnesium (Mg)	Calcium (Ca)	Barium (Ba)	Phosphorus (P)	Zinc (Zn)	Molybdenum (Mo)	Boron (B)
4	3	4	770	426	1610	<1	787	896	10	124	
9	2	3	1548	1610	<1	<1	1021	1216	101	399	
6	2	1	1546	1546	<1	<1	1017	1171	90	505	
7	3	2	471	1543	<1	<1	1038	1268	97	394	
4	4	7	451	1756	<1	<1	1111	1279	98	520	
4	4	2	372	1513	<1	<1	895	1076	89	394	

Contaminants	Water (%)	Coolant	Physical Tests	Viscosity (cSt 100C)	Fuel (%)	Soot (%) Infrared	Physical / Chemical	Base Number (mgKOH/g)	Oxidation (Abs/0.1mm)	E2412/D7414	Nitration (Abs/0.1mm)
<0.05	No	No	13.7	<1	<0.1	5.7	13	E2412/D7414	8	8	
<0.05	No	No	13.9	<1	0.2	4.5	19		8		
<0.05	No	No	13.9	<1	<0.1	5.9	17				
<0.05	No	No	13.7	<1	0.2	4.9	18				
<0.05	No	No	13.5	1	0.3	5.4	16				
<0.05	No	No	13.3	<1	0.5	6.1	19				

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LUBE CHECKLIST

1000/2000 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <i>H-11</i>	JOB # <i>056</i>	W O #
MODEL	SERIAL NO	HOUR METER READING <i>10962 AC</i>
OTHER	LOCATION	
TYPE OF SERVICE	<input checked="" type="checkbox"/> 1000 HR <input type="checkbox"/> 2000 HR	

FLUID / FILTERS CHANGED

1 <input checked="" type="checkbox"/> ENGINE OIL AND FILTER CHANGED? FRONT/REAR	6 <input checked="" type="checkbox"/> FUEL FILTER CHANGED & SCREEN CHANGED?	11 <input type="checkbox"/> DIFFERENTIAL OIL CHANGED?
2 <input type="checkbox"/> TRANSMISSION FILTER CHANGED?	7 <input type="checkbox"/> WINCH FILTER CHANGED?	12 <input type="checkbox"/> BRAKE SYSTEM OIL CHANGED?
3 <input type="checkbox"/> TRANSMISSION OIL CHANGED?	8 <input checked="" type="checkbox"/> FINAL DRIVE OIL CHANGED? RF/LF/RR/LR?	13 <input checked="" type="checkbox"/> SWING DRIVE OIL?
4 <input checked="" type="checkbox"/> HYDRAULIC FILTER CHANGED?	9 <input checked="" type="checkbox"/> COOLANT CHANGED	
5 <input checked="" type="checkbox"/> HYDRAULIC OIL CHANGED?	10 <input type="checkbox"/> STEERING SYSTEM OIL CHANGED?	

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

14 <input checked="" type="checkbox"/> ENGINE F R	18 <input type="checkbox"/> REAR DIFF.	22 <input checked="" type="checkbox"/> CIRCLE DR.	26 <input checked="" type="checkbox"/> SWING DR.
15 <input type="checkbox"/> TRANS F R	19 <input type="checkbox"/> FINALS RF/LF	23 <input checked="" type="checkbox"/> SPEED REDUCER	27 <input checked="" type="checkbox"/> COOLANT _____ F°
16 <input checked="" type="checkbox"/> HYDRAULIC	20 <input checked="" type="checkbox"/> FINALS RR/LR	24 <input type="checkbox"/> SPINDLE L R	
17 <input type="checkbox"/> FRONT DIFF.	21 <input type="checkbox"/> TANDEM S R L	25 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS: *B 7181, 3020, 6140, 600-185-2500, 207-660-7182*
sample

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

[Signature]
SERVICEMAN SIGNATURE

9-8-22
DATE



"An Equal Opportunity/Affirmative Action Employer"

AW



LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>H111</u>		JOB # <u>094</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>10689</u>	
OTHER		LOCATION <u>68th Kenmore</u>	
TYPE OF SERVICE	<input checked="" type="checkbox"/> 250 HR	<input type="checkbox"/> 750 HR	<input type="checkbox"/> 1250 HR <input type="checkbox"/> 1750 HR

FLUID / FILTERS CHANGED

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

1 <input checked="" type="checkbox"/> ENGINE F R	5 <input type="checkbox"/> REAR DIFF	9 <input type="checkbox"/> CIRCLE DR	13 <input checked="" type="checkbox"/> SWING DR.
2 <input type="checkbox"/> TRANS F R	6 <input checked="" type="checkbox"/> FINALS RF/LF	10 <input type="checkbox"/> SPEED REDUCER	14 <input checked="" type="checkbox"/> COOLANT _____ F°
3 <input checked="" type="checkbox"/> HYDRAULIC	7 <input type="checkbox"/> FINALS RR/LR	11 <input type="checkbox"/> SPINDELLER	
4 <input type="checkbox"/> FRONT DIFF.	8 <input type="checkbox"/> TANDEMS RL	12 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

[Signature] SERVICEMAN SIGNATURE 10-21-21 DATE



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LUBE CHECKLIST

500 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # H111		JOB # 080	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 10454	
OTHER		LOCATION Harbor Reach	
TYPE OF SERVICE	<input checked="" type="checkbox"/> 500 HR	<input type="checkbox"/> 1500 HR	

FLUID / FILTERS CHANGED

1 <input checked="" type="checkbox"/> ENGINE OIL AND FILTER CHANGED? FRONT/REAR	3 <input checked="" type="checkbox"/> HYDRAULIC FILTER CHANGED?	5 WINCH FILTER CHANGED?
2 TRANSMISSION FILTER CHANGED?	4 <input checked="" type="checkbox"/> FUEL FILTER CHANGED AND SCREEN CLEANED?	6 CHANGED HYD STEERING FILTER (OHT)

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

7 <input checked="" type="checkbox"/> ENGINE F R	11 REAR DIFF.	15 CIRCLE DR.	19 <input checked="" type="checkbox"/> SWING DR.
8 TRANS F R	12 <input checked="" type="checkbox"/> FINALS RF/LF	16 SPEED REDUCER	20 <input checked="" type="checkbox"/> COOLANT _____ F°
9 <input checked="" type="checkbox"/> HYDRAULIC	13 FINALS RR/LR	17 SPINDLE L/R	
10 FRONT DIFF.	14 TANDEM S R/L	18 STEERING	

OTHERS:

CHECKED

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

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SERVICEMAN SIGNATURE

1-18-21

DATE



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LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>H111</u>		JOB # <u>005</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>10201</u>	
OTHER		LOCATION <u>E320</u>	
TYPE OF SERVICE			
<input checked="" type="checkbox"/> 250 HR <input type="checkbox"/> 750 HR <input type="checkbox"/> 1250 HR <input type="checkbox"/> 1750 HR			

FLUID / FILTERS CHANGED

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

1 <input checked="" type="checkbox"/> ENGINE F R	5 <input type="checkbox"/> REAR DIFF	9 <input type="checkbox"/> CIRCLE DR	13 <input checked="" type="checkbox"/> SWING DR.
2 <input type="checkbox"/> TRANS F R	6 <input checked="" type="checkbox"/> FINALS RF/LF	10 <input type="checkbox"/> SPEED REDUCER	14 <input checked="" type="checkbox"/> COOLANT _____ F°
3 <input checked="" type="checkbox"/> HYDRAULIC	7 <input type="checkbox"/> FINALS RR/LR	11 <input type="checkbox"/> SPINDEL L R	
4 <input type="checkbox"/> FRONT DIFF	8 <input type="checkbox"/> TANDEMS R L	12 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

[Signature] _____ 7-9-20 _____
 SERVICEMAN SIGNATURE DATE



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AW



LUBE CHECKLIST

1000/2000 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <i>H111</i>	JOB # <i>005</i>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <i>9982</i>
OTHER	LOCATION <i>E320</i>	
TYPE OF SERVICE	<input type="checkbox"/> 1000 HR <input checked="" type="checkbox"/> 2000 HR	

FLUID / FILTERS CHANGED

1 <input checked="" type="checkbox"/> ENGINE OIL AND FILTER CHANGED? FRONT/REAR	6 <input checked="" type="checkbox"/> FUEL FILTER CHANGED & SCREEN CHANGED?	11 <input type="checkbox"/> DIFFERENTIAL OIL CHANGED?
2 <input type="checkbox"/> TRANSMISSION FILTER CHANGED?	7 <input type="checkbox"/> WINCH FILTER CHANGED?	12 <input type="checkbox"/> BRAKE SYSTEM OIL CHANGED?
3 <input type="checkbox"/> TRANSMISSION OIL CHANGED?	8 <input checked="" type="checkbox"/> FINAL DRIVE OIL CHANGED? RF/LF/RR/LR?	13 <input checked="" type="checkbox"/> SWING DRIVE OIL?
4 <input checked="" type="checkbox"/> HYDRAULIC FILTER CHANGED?	9 <input type="checkbox"/> COOLANT CHANGED	
5 <input type="checkbox"/> HYDRAULIC OIL CHANGED?	10 <input type="checkbox"/> STEERING SYSTEM OIL CHANGED?	

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

14 <input checked="" type="checkbox"/> ENGINE F R	18 <input type="checkbox"/> REAR DIFF.	22 <input type="checkbox"/> CIRCLE DR.	26 <input checked="" type="checkbox"/> SWING DR.
15 <input type="checkbox"/> TRANS F R	19 <input checked="" type="checkbox"/> FINALS RF/LF	23 <input type="checkbox"/> SPEED REDUCER	27 <input checked="" type="checkbox"/> COOLANT _____ F°
16 <input checked="" type="checkbox"/> HYDRAULIC	20 <input type="checkbox"/> FINALS RR/LR	24 <input type="checkbox"/> SPINDLE L R	
17 <input type="checkbox"/> FRONT DIFF.	21 <input type="checkbox"/> TANDEMS R L	25 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

[Signature]

SERVICEMAN SIGNATURE

6-18-19

DATE



"An Equal Opportunity/Affirmative Action Employer"

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LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # H 111		JOB # 005	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 9679	
OTHER		LOCATION E320	
TYPE OF SERVICE			
<input checked="" type="checkbox"/> 250 HR		<input type="checkbox"/> 750 HR	
<input type="checkbox"/> 1250 HR		<input type="checkbox"/> 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 <input checked="" type="checkbox"/> ENGINE F R	5 <input type="checkbox"/> REAR DIFF.	9 <input type="checkbox"/> CIRCLE DR.	13 <input checked="" type="checkbox"/> SWING DR.
2 <input type="checkbox"/> TRANS F R	6 <input checked="" type="checkbox"/> FINALS RF/LF	10 <input type="checkbox"/> SPEED REDUCER	14 <input checked="" type="checkbox"/> COOLANT _____ F°
3 <input checked="" type="checkbox"/> HYDRAULIC	7 <input type="checkbox"/> FINALS RR/LR	11 <input type="checkbox"/> SPINDLE L R	
4 <input type="checkbox"/> FRONT DIFF.	8 <input type="checkbox"/> TANDEM S R L	12 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

[Signature]

SERVICEMAN SIGNATURE

12-7-18

DATE



"An Equal Opportunity/Affirmative Action Employer"

[Signature]



LUBE CHECKLIST

500 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # H 111	JOB # 023	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 9417
OTHER	LOCATION 023	
TYPE OF SERVICE	<input checked="" type="checkbox"/> 500 HR <input type="checkbox"/> 1500 HR	

FLUID / FILTERS CHANGED

1 <input checked="" type="checkbox"/> ENGINE OIL AND FILTER CHANGED? FRONT/REAR	3 <input type="checkbox"/> HYDRAULIC FILTER CHANGED?	5 <input type="checkbox"/> WINCH FILTER CHANGED?
2 <input type="checkbox"/> TRANSMISSION FILTER CHANGED?	4 <input checked="" type="checkbox"/> FUEL FILTER CHANGED AND SCREEN CLEANED?	6 <input type="checkbox"/> CHANGED HYD STEERING FILTER (OHT)

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

7 <input checked="" type="checkbox"/> ENGINE F R	11 <input type="checkbox"/> REAR DIFF.	15 <input type="checkbox"/> CIRCLE DR.	19 <input type="checkbox"/> SWING DR.
8 <input type="checkbox"/> TRANS F R	12 <input type="checkbox"/> FINALS RF/LF	16 <input type="checkbox"/> SPEED REDUCER	20 <input type="checkbox"/> COOLANT _____ F°
9 <input type="checkbox"/> HYDRAULIC	13 <input type="checkbox"/> FINALS RR/LR	17 <input type="checkbox"/> SPINDLE L R	
10 <input type="checkbox"/> FRONT DIFF.	14 <input type="checkbox"/> TANDEMS R L	18 <input type="checkbox"/> STEERING	

OTHERS:

CHECKED

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

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

7-21-18
DATE



"An Equal Opportunity/Affirmative Action Employer"



Incoming / Outgoing Machine Quality Assurance Inspection

Customer: A-111 Date: 3-17-16

Model: PC160LC-7 S/N: C10098

W/O #: 13009 Hours: 8696

Authorization # _____
P O # _____

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

Fluid Checks	In		Out	Comments
	In	Out		
1 Engine Oil:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
2 Engine Coolant:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Topped off
3 Transmission:	<input type="checkbox"/>	<input type="checkbox"/>		
4 Hydraulic:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
5 Finals:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
6 Differentials:	<input type="checkbox"/>	<input type="checkbox"/>		
7 Attachment:	<input type="checkbox"/>	<input type="checkbox"/>		
8 Bevel:	<input type="checkbox"/>	<input type="checkbox"/>		
9 Pump Drive:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Topped off
10 Swing/Circle:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
11 Swing Grease:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
12 Tandems:	<input type="checkbox"/>	<input type="checkbox"/>		
13 Pivot Shaft:	<input type="checkbox"/>	<input type="checkbox"/>		
14 Fuel:	<input type="checkbox"/>	<input type="checkbox"/>		
15 Service Brakes:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
16 Lubricate Machine:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
17 SOS All:	<input type="checkbox"/>	<input type="checkbox"/>		
18 Batteries:	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Topped off
19 Recoil Housings:	<input type="checkbox"/>	<input type="checkbox"/>		
20 Transfer Drive:	<input type="checkbox"/>	<input type="checkbox"/>		
21 Feeder Planetaries:	<input type="checkbox"/>	<input type="checkbox"/>		

Visual Checks	In		Out	Comments
	In	Out		
22 Leaks	<input type="checkbox"/>	<input checked="" type="checkbox"/>		Thumb cyl.
23 Loose Hrdwr	<input checked="" type="checkbox"/>	<input type="checkbox"/>		3Kt cyl, Tube etc
24 Undercarriage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
25 Attachments	<input type="checkbox"/>	<input type="checkbox"/>		
26 Under Guards	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Fuel tank / Pump
27 Air/Pre Cleaners	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
28 Cab/Glass/Clean?	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
29 Latches	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
30 Rails/Steps	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
31 Tires/Press	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
32 Seat/Belt	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
33 Heater/AC	<input checked="" type="checkbox"/>	<input type="checkbox"/>		no tag
34 Belts/Pulleys	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
35 Travel Alarm	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
36 Swing/Parking Brake	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
37 Service brakes	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
38 Starting	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
39 Steering	<input type="checkbox"/>	<input type="checkbox"/>		
40 Transmission	<input type="checkbox"/>	<input type="checkbox"/>		
41 Gauges	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
42 Hydraulics	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
43 Implements	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
44 Linkage/Pins	<input checked="" type="checkbox"/>	<input type="checkbox"/>		stick binding

Repair Recommendation:

(continued on back) Left Track Loose QC Safety Lock Pin missing Right side wires broken

Bushings coming out of tip of stick Weathers strip falling off bottom of front glass Lower glass no fill

Vest wires broken Vest seat gear triggers broken Heat/AC Panel inoperative

Leak @ coolant vent line top of Rad Vastecooler hose clip broken Hyd tank vent hose broken

Incoming Inspector: AREN HIDE

Outgoing Inspector: _____

- Lube System hoses @ Right side of arm need new clips
- Need new Doors open latch
- Grease level sensors loose @ top of grease pot.
- Front window needs new rollers
- Thumb hoses @ Boom - arm need to be replaced
- QC hose valve - stick damaged
- Fuel tank sediment + drain clogged
- 2 small hoses @ Pump leaking @ crimp
- Remove thumb
- Rear Rad missing roll & Rad. scale
- Need to build up H-link Pump stops

WORK ORDER

NO. 10000 EQUIPMENT# LOCATION SLR DATE 7-17-16
 HOURS 2.96 MILEAGE MECH AREN DATE COMP. 4-13-16
 DESCRIPTION OF WORK complete inspection

ITEM	REPAIRS MADE	MECH
1	Complete inspection see attached	
2	R&I mirrors Left & Right side	AREN
3	Remove thumb & QC & Remove Bushings Line Boreing completed By MFB & install new Bushings & seals,	
4	Reinstall weather strip @ Bottom of Front glass & glue in place	
5	R&I Both SweeGrip triggers,	
6	TEST Heat QC Panel & found faulty Panel No Repair @ this time,	
7	Replaced coolant vent hose @ TOP of cyl. head - TOP OF Rad.	
8	Replaced Broken clip @ TOP aftercooler hose.	
9	Replaced Hyd. Tank Vent hose.	
10	R&I 2 small hoses @ Pump-Valve	
11	R&I 1 Remote eng. oil filter hose.	
12	Remove / QC hose @ Valve - stick / Build new hose & install	
13	Remove Both Thumb hoses @ arm - Boom & Build new hoses & install	
14	Weld up H-link Bumpstops,	
15	Build 2 new QC hoses & install & adjust Tracking.	
16	Replaced missing / Broken clips for cable system @ Right side of stick.	
17	R&I cab Doors hold open Latch & adjust stops.	
18	R&I Front window Rollers,	
19	Replace all 4 Track Pad Bolts @ 1 Track Pad Right side	
20	Remove thumb & cylinder & Tag Parts with machine #3. Remove Pin locks from Bucket Link & coupler install factory Pins & weld 1 new lock collar to Bucket Link & install coupler / shim complete & grease.	
21	Build new Ball Valve Brackets for Compactor Tubes & install QD fittings.	