

Unit No. UIN 00C6D70
Unit No. DZ-45
Make Diesel Engine

Unit: Caterpillar
Make Model D5
Serial No.
Site

Compartment: Diesel Engine
Name
Make Model Caterpillar
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

LEGEND			
			
Normal	Severe	Abnormal	Caution

(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
08-Aug-22	18-Aug-22	19-Aug-22	40111383475	700129426	10126	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
05-Mar-22	11-Mar-22	15-Mar-22	40111331873	39844008	9893	Chevron	Delo 400 LE	SAE 15W40			Changed	
22-Oct-21	29-Oct-21	02-Nov-21	40111288705	39364060	9682	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
03-Mar-21	12-Mar-21	22-Mar-21	40111209559	38402825	9450	Chevron	Delo 400 LE	SAE 15W40			Changed	
10-Sep-20	22-Sep-20	29-Sep-20	40111150728	37710751	9241	Chevron	Delo 400 LE	SAE 15W40			Not Changed	
26-Mar-20	06-Apr-20	09-Apr-20	40111095406	36812837	8995	Chevron	Delo 400 LE	SAE 15W40			Changed	

Metals (ppm)	1	2	3	4	5	6	7	8	9	10	11	12
Iron (Fe)	20	30	17	22	24	19						
Chromium (Cr)	<1	<1	<1	<1	<1	<1						
Lead (Pb)	<1	<1	<1	<1	<1	<1						
Copper (Cu)	1	2	1	1	1	1						
Tin (Sn)	<1	<1	<1	<1	<1	<1						
Aluminum (Al)	2	2	3	3	3	3						
Nickel (Ni)	1	<1	<1	<1	<1	<1						
Silver (Ag)	<1	<1	<1	<1	<1	<1						
Titanium (Ti)	<1	<1	<1	<1	<1	<1						
Vanadium (V)	<1	<1	<1	<1	<1	<1						

Contaminants (ppm)	1	2	3	4	5	6	7	8	9	10	11	12
Silicon (Si)	5	5	4	6	7	8						
Sodium (Na)	4	1	3	2	2	2						
Potassium (K)	1	7	3	2	2	2						

Additives (ppm)	1	2	3	4	5	6	7	8	9	10	11	12
Magnesium (Mg)	815	784	783	690	716	539						
Calcium (Ca)	1511	1672	1668	1297	1355	1625						
Barium (Ba)	2	<1	<1	<1	<1	<1						
Phosphorus (P)	835	810	833	793	734	1063						
Zinc (Zn)	922	1012	951	849	839	1203						
Molybdenum (Mo)	16	6	5	11	13	63						
Boron (B)	99	75	87	90	105	325						

Contaminants	1	2	3	4	5	6	7	8	9	10	11	12
Water (%)	<0.05	0.05	<0.05	<0.05	<0.05	<0.05						
Coolant	No	No	No	No	No	No						

Physical Tests	1	2	3	4	5	6	7	8	9	10	11	12
Viscosity (cSt 100C)	13.0	13.4	13.6	13.3	13.5	13.5						
Fuel (%)	<1	<1	<1	2.50	2.00	1						
Soot (%) Infrared	0.3	0.6	0.4	0.7	0.5	0.6						

Physical / Chemical	1	2	3	4	5	6	7	8	9	10	11	12
Base Number (mgKOH/g)	5.7	3.3	5.0	4.5	6.3	4.5						
Oxidation (Abs/0.1mm)	12	14	13	14	13	16						
E2412/D7414												
Nitration (Abs/0.1mm) E2412	8	10	9	10								



LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # <u>DZ-45</u>		JOB # <u>054</u>	W.O. #
MODEL	SERIAL NO.	HOUR METER READING <u>10126 AC</u>	
OTHER		LOCATION	
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>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 <input checked="" type="checkbox"/> ENGINE F R	5 <input type="checkbox"/> REAR DIFF	9 <input type="checkbox"/> CIRCLE DR	13 <input type="checkbox"/> SWING DR.
2 <input checked="" type="checkbox"/> TRANS F R	6 <input type="checkbox"/> FINALS RE/LF	10 <input checked="" type="checkbox"/> SPEED REDUCER	14 <input checked="" type="checkbox"/> COOLANT _____ F°
3 <input checked="" type="checkbox"/> HYDRAULIC	7 <input checked="" type="checkbox"/> FINALS RR/LR	11 <input type="checkbox"/> SPINDELL R	
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 checked="" 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 checked="" type="checkbox"/> BRAKE LIGHTS	

OTHER:

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS: Sample OK

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

SERVICEMAN SIGNATURE [Signature] DATE 8-8-22



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LUBE CHECKLIST

1000/2000 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # D245		JOB # 056	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 9893	
OTHER		LOCATION F200	
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 checked="" type="checkbox"/> TRANSMISSION OIL CHANGED? | 8 <input checked="" type="checkbox"/> FINAL DRIVE OIL CHANGED? RF/LF/RR/LR? | 13 <input 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 type="checkbox"/> CIRCLE DR. | 26 <input type="checkbox"/> SWING DR. |
| 15 <input checked="" 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 checked="" 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 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 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 type="checkbox"/> CAPS, COVERS | 52 <input type="checkbox"/> ROPS/FOPS | 60 <input 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 checked="" 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

MPC
SERVICEMAN SIGNATURE

3-5-22
DATE



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LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # D245		JOB # 077	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 9682	
OTHER		LOCATION L-200	
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 checked="" type="checkbox"/> REAR DIFF	9 <input checked="" type="checkbox"/> CIRCLE DR	13 <input checked="" type="checkbox"/> SWING DR.
2 <input checked="" type="checkbox"/> TRANS F R	6 <input checked="" type="checkbox"/> FINALS RF/LF	10 <input checked="" type="checkbox"/> SPEED REDUCER	14 <input checked="" type="checkbox"/> COOLANT _____ F°
3 <input checked="" type="checkbox"/> HYDRAULIC	7 <input checked="" type="checkbox"/> FINALS RR/LR	11 <input checked="" type="checkbox"/> SPINDEL L R	
4 <input checked="" type="checkbox"/> FRONT DIFF.	8 <input checked="" type="checkbox"/> TANDEMS R L	12 <input checked="" type="checkbox"/> STEERING	

OTHERS:

CHECKED

16 <input checked="" type="checkbox"/> AIR FILTERS	23 <input checked="" type="checkbox"/> PARKING BRAKE	30 <input checked="" type="checkbox"/> TURN SIGNALS	37 <input checked="" type="checkbox"/> EXPOSED WIRING
17 <input checked="" type="checkbox"/> BATTERIES	24 <input checked="" 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 checked="" type="checkbox"/> AIR TANKS	32 <input checked="" type="checkbox"/> GREASED FITTINGS	39 <input checked="" type="checkbox"/> ROPS/FOPS
19 <input checked="" type="checkbox"/> BRAKE RESERVE	26 <input checked="" 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 checked="" type="checkbox"/> ROTATING BEACON	29 <input checked="" type="checkbox"/> CAPS, COVERS	36 <input checked="" 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 12-22-21 DATE



"An Equal Opportunity/Affirmative Action Employer"

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LUBE CHECKLIST

500 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # D245		JOB # 077	W.O. #
MODEL	SERIAL NO.	HOUR METER READING 9450	
OTHER		LOCATION L-200	
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 <input type="checkbox"/> WINCH FILTER CHANGED?
2 <input checked="" 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 checked="" type="checkbox"/> TRANS F R	12 <input checked="" type="checkbox"/> FINALS RF/LF	16 <input type="checkbox"/> SPEED REDUCER	20 <input type="checkbox"/> COOLANT _____ F°
9 <input checked="" type="checkbox"/> HYDRAULIC	13 <input type="checkbox"/> FINALS RR/LR	17 <input type="checkbox"/> SPINDLE LR	
10 <input type="checkbox"/> FRONT DIFF.	14 <input type="checkbox"/> TANDEM S 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	50 <input type="checkbox"/> HYD. STEERING FILTER (OHT)
29 <input checked="" type="checkbox"/> PARKING BRAKE	37 <input checked="" type="checkbox"/> FAN BELTS	45 <input 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

[Signature]
SERVICEMAN SIGNATURE

3-3-21
DATE



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LUBE CHECKLIST

250 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT #	DZ-45	JOB #	075	W.O. #	
MODEL	SERIAL NO.		HOUR METER READING		
		9241 hrs			
OTHER	LOCATION				
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?	ENGINE OIL SAMPLE TAKEN?	FUEL FILTER CHANGED & SCREEN CLEANED?
<u>N</u> FRONT / REAR	<u>Y</u> FRONT / REAR	<u>N</u>

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 type="checkbox"/> SWING DR.
2 <input checked="" type="checkbox"/> TRANS F R	6 <input type="checkbox"/> FINALS RF/LF	10 <input checked="" 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 checked="" 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: Sample

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"

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LUBE CHECKLIST

1000/2000 HOUR PREVENTIVE MAINTENANCE CHECKLIST

EQUIPMENT # DZ-49 SERIAL NO. 040 METER READING 8352 Hrs

MODEL _____ LOCATION _____

OTHER _____

TYPE OF SERVICE: 1000 HR 2000 HR

FLUID / FILTERS CHANGED

1 <input checked="" type="checkbox"/> ENGINE OIL AND FILTER CHANGED? FRONT REAR	4 <input checked="" type="checkbox"/> FUEL FILTER CHANGED? & OIL ENTRAINMENT	7 DIFFERENTIAL OIL CHANGED?
2 <input checked="" type="checkbox"/> TRANSMISSION FILTER CHANGED?	5 WATER FILTER CHANGED?	8 BRAKE SYSTEMS CHANGED?
3 <input checked="" type="checkbox"/> TRANSMISSION OIL CHANGED?	6 VALVE OIL CHANGED? (FRONT REAR)	9 HYDRAULIC OIL
4 <input checked="" type="checkbox"/> HYDRAULIC FILTER CHANGED?	8 <input checked="" type="checkbox"/> COOLANT CHANGED	
5 <input checked="" type="checkbox"/> HYDRAULIC OIL CHANGED?	10 SPEEDING SYSTEM OIL CHANGED?	

OIL SAMPLES TAKEN AND FLUID LEVELS CHECKED

14 <input checked="" type="checkbox"/> ENGINE F/R	18 REAR DIFF	22 <input checked="" type="checkbox"/> CIRCLE DR.
15 <input checked="" type="checkbox"/> TRANS F/R	19 FINALS R/FILE	23 <input checked="" type="checkbox"/> SPEED RED.
16 <input checked="" type="checkbox"/> HYDRAULIC	20 <input checked="" type="checkbox"/> FINALS RR/LR	24 SPEEDER L/P
17 FRONT DIFF	21 TANDEMS R/L	25 CYCLING

OTHERS _____

CHECKED

29 <input checked="" type="checkbox"/> AIR FILTERS	39 UNIV JOINTS	47 BRAKE CHITS
30 <input checked="" type="checkbox"/> BATTERIES	40 <input checked="" type="checkbox"/> AIR FILTER INDICATOR	48 <input checked="" type="checkbox"/> EXHAUST
31 <input checked="" type="checkbox"/> ALTERNATOR	41 <input checked="" type="checkbox"/> PRE CLEANER	51 <input checked="" type="checkbox"/> CHAIN RINGS
32 BRAKE RESERVE	42 <input checked="" type="checkbox"/> CAPS COVERS	52 <input checked="" type="checkbox"/> BUSHINGS
33 <input checked="" type="checkbox"/> GAUGES	43 ROTOR JOYALS	53 <input checked="" type="checkbox"/> TIGHTENING
34 <input checked="" type="checkbox"/> HORN	44 <input checked="" type="checkbox"/> TIGHT BELTS	54 _____
35 ROTATING BEAL ON	45 <input checked="" type="checkbox"/> GREASED FITTINGS	55 _____
36 <input checked="" type="checkbox"/> PARKING BRAKE	46 INDICATORS	56 _____
37 INHIBITOR	47 <input checked="" type="checkbox"/> DEFLECTOR	57 _____
38 AIR TANKS	48 <input checked="" type="checkbox"/> LIGHTS	58 _____

OTHER _____

WALK AROUND VISUAL INSPECTION

COMMENTS/RECOMMENDATIONS: 1K-1818, 326-447, 1K-0777, 328-3540, sampled oil

Incoming / Outgoing Machine Quality Assurance Inspection

Customer: D2-45 Date: 3/17/14
 Model: D5K LGP S/N: YY00380
 W/O #: 12817 Hours: 4807

Authorization # _____
 P O # _____

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

Fluid Checks	1	Engine Oil:	In		Comments
			In	Out	
2	Engine Coolant:		✓		
3	Transmission:		✓		
4	Hydraulic:		✓		
5	Finals:		✓		
6	Differentials:				
7	Attachment:		X	✓	
8	Bevel:				
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		✓		1440 CCA
19	Recoil Housings				
20	Transfer Drive				
21	Feeder Planetaries				

Visual Checks	22	Leaks	In		Comments:
			In	Out	
23	Loose Hrdwr		✓		
24	Undercarriage		X	✓	
25	Attachments		X	✓	
26	Under Guards		X	✓	
27	Air/Pre Cleaners				
28	Cab/Glass/Clean?		N/A		
29	Latches		✓		
30	Rails/Steps		✓		
31	Tires/Press		N/A		
32	Seat/Belt		✓		

Ops Checks	33	Heater/AC	In		Comments:
			In	Out	
34	Belts/Pulleys		✓		
35	Travel Alarm		✓		TENSIONER PULLEY WORK
36	Swing/Parking Brake		✓		
37	Service brakes		✓		
38	Starting		✓		
39	Steering		✓		
40	Transmission		✓		
41	Gauges		✓		
42	Hydraulics		✓		
43	Implements		X	✓	
44	Linkage/Pins		X	✓	

Repair Recommendation: _____
 (continued on back)
INSPECT DOOR WEARISH OIL, TENSIONER PULLEY WORK ON BEAT

Incoming Inspector: _____
 Outgoing Inspector: _____

