



Service Invoice

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Benco Machinery, LLC
7600 N Bryant Ave.
Oklahoma City, OK 73121
P.405.486.7789

Customer Number:
10019
Customer PO #:

Work Order #:	18000850
Date Opened:	3/29/2019
Date Closed:	10/1/2019
Tech:	AD/JC/LM

Customer Info:
Benco Machinery, LLC
7600 N. Bryant Ave
Oklahoma City, OK 73121

Location of Repair:
Benco Yard
Oklahoma City, OK'

Make	Model	Serial Number	Hours In	Hours Out
CAT	583K	77V8962	872	873

Service requested:
Install GPS, service engine, replace dust ejector, repair oil leak, relocate oil filter and fix back up alarm.

Work Order Summary per segment:	Travel Labor	Parts	Repair Labor	Mileage	Segment Total
01] Install GPS and service engine	\$0.00	\$1,066.65	\$876.88	\$0.00	\$1,943.53
02] Replace dust ejector	\$0.00	\$1,747.52	\$994.25	\$0.00	\$2,741.77
03] Repair oil leak and relocate filter	\$0.00	\$985.99	\$242.50	\$0.00	\$1,228.49
04] Fix back up alarm	\$0.00	\$64.66	\$258.99	\$0.00	\$323.65
Freight & Misc.					\$50.92
Total					\$6,288.36

Work Performed 1]	Part #	Description	Quantity	Price
Installed GPS and serviced the engine. JC/LM	27568967	GPS UNIT	1	\$139.94
	7W-5495	ELEMENT-AIR	1	\$78.81
	1R-0750	FILTER AS	2	\$40.10
	1P-7360	ELEMENT-AIR	1	\$72.32
	1R-1808	LUBE FILTER	1	\$38.55
	15W40	ROTELLA 15W40 BULK OIL	13	\$207.87
	DYED	DYED DIESEL	114	\$489.06
	Hours/Mileage	Rate	Total	Parts Total
Travel Labor			\$0.00	Travel Labor
Mileage			\$0.00	Mileage
Repair Labor	9.04	\$97.00	\$876.88	Repair Labor

Work Performed 2]	Part #	Description	Quantity	Price
Repaired oil and relocated engine oil filter. AD	9H-8217	GASKET	2	\$6.44
	5H-7370	SEAL-O-RING	3	\$8.25
	6L-5305	GASKET	1	\$1.91
	2P-5086	GASKET	1	\$2.72
	8C-3445	DUST CAP-ENG	1	\$4.78
	102-5828	COVER AS	1	\$468.07
	102-5829	ADAPTER AS	1	\$211.40
	104-7995	BASE AS	1	\$304.05
	186-3705	ELBOW	1	\$65.82
	3J-7354	SEAL-O-RING	1	\$1.02
	5P-7701	SEAL-O-RING	4	\$33.12
	6V-3908	SEAL-O-RING	2	\$53.02

Thank you for your business!

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6V-9005	ELBOW	2	\$80.48
6V-9008	ELBOW	1	\$36.27
8C-3446	VALVE	1	\$24.16
106-9586	SEAL-O-RING	4	\$22.04
5M-7087	CLAMP	2	\$33.38
9C-5344	SPACER	1	\$20.58
STEEL	ANGLE AND FLAT	1	\$37.73
HOSE	SHORT HOSE	1	\$170.48
HOSE	LONG HOSE	1	\$152.88
38350	3/8 X 3 1/2 BOLT	1	\$0.94
41730	3/8 X 2 BOLT	2	\$0.90
41292-009	3/8 WASHER	6	\$0.84
41292-035	3/8 LOCK WASHER	3	\$0.24
40840	3/8 NUT	3	\$0.36
42069	7/16 X 1 1/2 BOLT	4	\$2.60
41507-01-008	7/16 NUT	4	\$0.72
34281	7/16 LOCK WASHER	4	\$0.48
41175	1/2 X 1 1/4 BOLT	2	\$1.54
41507-01-054	1/2 LOCK WASHER	2	\$0.30

	Hours/Mileage	Rate	Total		Parts Total	\$1,747.52
Travel Labor			\$0.00		Travel Labor	\$0.00
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	10.25	\$97.00	\$994.25		Repair Labor	\$994.25

Work Performed 3] Replace dust ejector. AD			Part #	Description	Quantity	Price
			9M-0164	CLAMP	2	\$9.28
			371-8121	CM HOSE BULK	10	\$7.60
			6N-7094	PIPE AS	1	\$755.20
			6V-8801	NUT	2	\$0.68
			536-6345	BODY-PCL-CLA	1	\$212.59
			40601-01	3/8X 1 1/4 BOLT	2	\$0.64
	Hours/Mileage	Rate	Total		Parts Total	\$985.99
Travel Labor			\$0.00		Travel Labor	\$0.00
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	2.5	\$97.00	\$242.50		Repair labor	\$242.50

Work Performed 4] Replaced back up alarm switch. AD			Part #	Description	Quantity	Price
			520	BACK UP ALARM	1	\$28.59
			SW15	SWITCH	1	\$36.07
	Hours/Mileage	Rate	Total		Parts Total	\$64.66
Travel Labor			\$0.00		Travel Labor	\$0.00
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	2.67	\$97.00	\$258.99		Repair Labor	\$258.99

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Explanation of work performed:

SEG. 01: Installed GPS and serviced the engine. Changed all engine filters and oil.

SEG. 02: Oil leak on lines going to the engine oil filter. Looked up and ordered the needed gaskets and o-rings. Disassembled the area and cleaned the parts. Assembled the lines with the new gaskets and o-rings. Engine oil filter was not in an easily accessible location. Looked up and ordered parts from a CCA motor grader to remote mount the oil filter by the front of the engine. Purchased steel to use for the mounting bracket. One of the Bennett welders fabricated the bracket. Installed the new filter base to the bracket and the other components of the remote mount to the existing oil filter housing. With the fitting installed in both ends measured and planned for the hoses. Went and had hoses made. Installed the hoses to fittings. Installed clamps on the hoses to the bracket to hold them out of the way. Started and ran the machine. Checked for oil leaks, found no oil leaks.

SEG. 03: Replaced the precleaner and connected with a new hose, clamps, and pipe to the muffler. The old precleaner was plugged off and the mounting on the muffler was plated.

SEG. 04: The back alarm was on all the time in both directions. Installed a new switch to have the alarm only on when in reverse.

Due Date	NA
Please Pay This Amount	\$6,288.36

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Service Invoice

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Benco Machinery, LLC
7600 N Bryant Ave.
Oklahoma City, OK 73121
P.405.486.7789

Customer Number:
10019
Customer PO #:

Work Order #:	18001121
Date Opened:	10/25/2019
Date Closed:	12/27/2019
Tech:	DT

Customer Info:
Benco Machinery, LLC
7600 N. Bryant Ave
Oklahoma City, OK 73121

Location of Repair:
Merkel yard
Merkel, Texas

Make	Model	Serial Number	Hours In	Hours Out
CAT	583	77V8962		

Service requested:
Repair numerous issues.

Work Order Summary per segment:	Travel Labor	Parts	Repair Labor	Mileage	Segment Total
01] Repair leaks and torque converter issue	\$0.00	\$2,590.67	\$878.82	\$0.00	\$3,469.49
Freight & Misc.					\$84.37
Total					\$3,553.86

Work Performed 1]	Part #	Description	Quantity	Price
Diagnose and repair leaks and torque converter. Bennett Construction techs did a majority of the build.	8M-5248	SEAL O-RING	2	\$7.90
	4F-5640	GASKET	2	\$4.22
	4M-5943	GASKET	2	\$6.02
	4H-9026	GASKET	2	\$79.72
	1M-2651	GASKET	2	\$11.68
	1M-6594	GASKET	2	\$29.36
	1M-6593	GASKET	2	\$10.76
	0L-1124	GASKET	2	\$9.54
	8H-9155	SEAL	2	\$68.62
	9S-4551	HOSE	1	\$117.98
	124-2103	COUPLING	1	\$51.79
	4J-0520	SEAL O-RING	2	\$4.52
	456-8422	716 CM BULK	41	\$11.07
	124-2087	COUPLINGS	1	\$52.64
	497-8283	COUPLING AS	1	\$57.99
	497-8288	COUPLING AS	1	\$65.44
	456-8478	XT3TG CM BULK	68	\$46.24
	4J-0520	SEAL O-RING	2	\$4.52
	LCS 10047	90WT GEAR OIL	7	\$133.70
	FASTENER	NIF FASTENER	1	\$16.61
	MMN 074	3XNH W/SCRIM	10	\$44.50
	MMN 014	ROLOC	6	\$17.64
	7N-0718	SWITCH	1	\$92.66
	8H-9155	SEAL	2	\$68.62
	175-7904	SEAL O-RING	1	\$6.86
	2A-1913	GASKET	1	\$3.82
	5H-0779	GASKET	1	\$10.77
	9M-0673	GASKET	1	\$10.85
	1S-6891	GASKET	1	\$5.00

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5M-0597	GASKET	1	\$13.65
4J-5268	SEAL O-RING	2	\$2.52
9M-6542	GASKET	1	\$1.28
2P-5125	GASKET	1	\$4.74
2P-5124	GASKET	1	\$5.10
5H-0779	GASKET	1	\$10.76
9M-0673	GASKET	1	\$10.85
5M-0597	GASKET	1	\$13.65
2S-7472	GASKET	1	\$4.42
7N-7062	LINE	1	\$164.52
150538	2-SPD DIVERTER VAL/	2	\$329.42
1505523SK	SEAL KIT	1	\$90.59
1505523-WS	WORK SEC. SEAL KIT	3	\$271.77
CHC 52030	HOSE CLAMP 06	2	\$2.54
NIF HOSE	HOSE	1	\$3.66
G37500-0505	FITTING	2	\$16.68
G36100-0504	LOC-4RMP	1	\$5.52
G60631-0404	FITTING	1	\$3.55
8Y-4037	SEAT BELT	1	\$164.71
30W	30W TRANS. Fluid	30	\$419.70

	Hours/Mileage	Rate	Total		Parts Total	\$2,590.67
Travel Labor			\$0.00		Travel Labor	\$0.00
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	9.06	\$97.00	\$878.82		Repair Labor	\$878.82

Explanation of work performed:

I parked the machine in the yard and drained the transmission and torque converter. I removed the ROPS and fuel tank. Pulled cable out of hook in order to be able to remove center bar. Pulled all wiring from instrument panel and pressure lines to gauges. Removed all cotter pins and pins for brakes, throttle and clutches. Removed instrument panel and set out of the way. Removed center bar and brackets for lines. Removed PTO housing and replaced bearings as needed. Removed driveline to PTO and replaced u-joints as needed. Removed all lines to torque convertor and transmission. Removed center driveline. Removed bolts to torque convertor and made lifting eyes to pull housing. Removed torque convertor housing. Removed large supply lines to pump and replaced. Removed scavenger pump housing and valve bodies. Resealed all bodies and pump housings. Cleaned up torque convertor housing and flywheel housing. Installed new gaskets and seals. Removed and replaced input transmission seal and output torque convertor seal. Reinstalled torque convertor housing with new gaskets. Installed all new hoses and seals. Installed drive line and filled transmission back up with oil. Removed brake housing covers and valve bodies. Installed new shaft seals as needed and resealed mounting surfaces. Resealed PTO housing and Reinstalled with new gaskets. Reinstalled all panels and guards. Installed fuel tank and ROPS. Started and ran unit and checked for leaks. Fixed small leaks as found. Seat belt missing. Replaced with new.

Due Date	NA
Please Pay This Amount	\$3,553.86

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