



Service Invoice

1

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

Customer Number:
10019
Customer PO #:

Work Order #:	18001120
Date Opened:	10/23/2019
Date Closed:	12/27/2019
Tech:	AD, DT

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

Location of Repair:
Taylor Co., TX
Merkel yard

Make	Model	Serial Number	Hours In	Hours Out
CAT	583K	77V06772	1	2

Service requested: Reseal right track adjuster, replace rear carrier roller bracket, repair fuel and oil leaks

Work Order Summary per segment:	Travel Labor	Parts	Repair Labor	Mileage	Segment Total
01] Resealed right track adjuster	\$555.00	\$12.36	\$1,455.00	\$0.00	\$2,022.36
02] Replaced right rear carrier roller bracket	\$74.00	\$1,552.63	\$485.00	\$150.00	\$2,261.63
03] Repaired fuel leaks	\$0.00	\$272.90	\$485.00	\$0.00	\$757.90
04] Repaired oil leaks.	\$370.00	\$542.46	\$3,015.73	\$900.00	\$4,828.19
Freight & Misc.					\$88.73
Total					\$9,958.81

Work Performed 1]	Part #	Description	Quantity	Price
Resealed right track adjuster	SOLVENT	SOLVENT	1	\$6.72
	WUR	BRAKE CLEANER	1	\$5.64
	Hours/Mileage	Rate	Total	Parts Total
Travel Labor	7.5	\$74.00	\$555.00	\$12.36
Mileage		\$3.00	\$0.00	\$555.00
Repair Labor	15	\$97.00	\$1,455.00	\$0.00
				\$1,455.00

Work Performed 2]	Part #	Description	Quantity	Price
Replaced right rear carrier roller bracket	1D-4628	CAP SCREW	4	\$31.80
	3B-4514	LOCKWASHER	4	\$3.04
	188-5612	CARRIER ROLLER	1	\$325.99
	1S-8736	BRACKET	1	\$1,191.80
	Hours/Mileage	Rate	Total	Parts Total
Travel Labor	1	\$74.00	\$74.00	\$1,552.63
Mileage	50	\$3.00	\$150.00	\$74.00
Repair Labor	5	\$97.00	\$485.00	\$150.00
				\$485.00

Work Performed 3]	Part #	Description	Quantity	Price
Repaired fuel leaks	4J-5268	SEAL-O-RING	2	2.52
	9M-6542	GASKET	1	\$1.28
	2P-2656	LINE AS	1	\$174.08
	9G-8010	SWITCH AS	1	\$95.02
	Hours/Mileage	Rate	Total	Parts Total
Travel Labor			\$0.00	\$272.90
Mileage			\$0.00	\$0.00
Repair Labor	5	\$97.00	\$485.00	\$0.00
				\$485.00

Thank you for your business!

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Work Performed 4] Repaired oil leaks		Part #	Description	Quantity	Price
		9S-4551	Hose As	1	\$117.98
		2S-7472	Gasket	1	\$4.42
		*4-5177	U-Joints	2	\$261.82
		75600	Tube of Grease	10	\$63.50
		7N-4160	Switch	1	\$94.74
	Hours/Mileage	Rate	Total		Parts Total
Travel Labor	5	\$74.00	\$370.00		Travel Labor
Mileage	300	\$3.00	\$900.00		Mileage
Repair Labor	31.09	\$97.00	\$3,015.73		Repair Labor
					\$542.46
					\$370.00
					\$900.00
					\$3,015.73

Explanation of work performed:

SEG. 01: Traveled to the machine south of Merkel, TX. The right track will not tighten. Customer had ordered the parts for the adjuster. Moved the machine to get the master link in position to separate the track at the idler. Separated the track. Backed the machine up to get the track out of the way. Removed the bolts that hold the track adjuster cylinder to the idler yoke. First tried to slide the idler forward to get the track adjuster out. The idler would not slide forward far enough with out removing the idler from the yoke. Removed the idler from the yoke and was then able to move the idler forward far enough to get the track adjuster out of the recoil spring. Disassembled the track adjuster and cleaned. Removed all of the all grease. Cleaned inside the recoil spring area. Installed the new seal and wear rings to the piston. Installed the new fill and relief valves to the cylinder. Installed the piston to the cylinder. Installed the adjuster to the roller frame. Installed the new seal and back up ring and then connected the yoke to the adjuster. moved the idler back and connected to the yoke. Connected the track and adjusted. The track adjuster is now working correctly.

SEG. 02: The right rear carrier roller bracket broke off. The bracket and roller were first removed from another machine and the second bracket also broke. Ordered a new bracket and mounting bolts. Installed the bracket with the new bolts to the roller frame. Installed the roller and made sure the roller was in line with the sprocket and the other carrier roller before tightening the bolts.

SEG. 03: The #6 injection line was leaking fuel at the injection pump. There was also a fuel leak between the fuel filters and the injection pump. Looked up and ordered the parts. When the parts came in the old line was removed and the new one put into place and tightened. The leaking o-ring and gasket were changed on the tube and flange from the filter base to the injection pump. Primed the fuel system and ran the machine to check for leaks there were no more fuel leaks.

Due Date	NA
Please Pay This Amount	\$9,958.81

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

Customer Number:
10019
Customer PO #:

Work Order #:	18000826
Date Opened:	3/18/2019
Date Closed:	10/28/2019
Tech:	ALL

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	583	77V06772		

Service requested:

Auction machine: make ready for rent

Work Order Summary per segment:	Outside Srv.	Parts	Repair Labor	Mileage	Segment Total
01] Repairs	\$349.07	\$3,985.78	\$14,550.00	\$0.00	\$18,884.85
02] Install GPS unit	\$0.00	\$139.94	\$162.96	\$0.00	\$302.90
03] Oil filter relocation and filters	\$0.00	\$2,132.77	\$1,212.50	\$0.00	\$3,345.27
04] Fluids	\$0.00	\$641.16	\$48.50	\$0.00	\$689.66
Tax					\$0.00
Freight & Misc.					\$82.86
Total					\$23,305.54

Work Performed 1]

Repairs made to make machine ready to rent.

Part #	Description	Quantity	Price
9M-0164	Clamp	2	\$9.28
371-8121	CM Hose Bulk	10	\$7.70
6N-7094	Pipe	1	\$755.20
6V-8801	Nut	2	\$0.68
536-6345	Body PCL	1	\$212.59
2S-5926	Valve	1	\$10.60
5M-6708	Washer	2	\$10.94
190-8609	Valve Fill	1	\$19.69
5J-3942	Seal	1	\$8.28
5M-3373	Ring	1	\$25.09
5M-3374	Seal	1	\$6.73
9H-5604	Ring	1	\$7.59
1P-4879	Seal	1	\$60.09
8H-0214	Ring	2	\$24.58
2P-5897	Strip	1	\$42.87
3T-3150	Guide	1	\$150.01
4N-3841	Gasket	1	\$1.40
1M-1140	Plate	2	\$238.56
9G-8010	Switch	1	\$95.02
5B-4696	Pin	1	\$3.41
7N-3346	Collar	1	\$48.86
319-3437	Gear	1	\$202.51
394-0889	SFT Pump	1	\$233.85
7N-4188	Bracket	1	\$1,363.32
6L-5311	Gasket	1	\$14.59

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2P-3759	Gasket	1	\$67.45
9S-6526	Gasket	1	\$11.93
3B-8024	Gasket	1	\$8.85
2F-7941	Gasket	2	\$11.88
2F-7940	Screen	1	\$65.32
3H-3385	Seal O-Ring	1	\$1.42
6L-5311	Gasket	1	\$14.59
366-4622	Hour Meter	1	\$113.01
NLW996	Nickel 99 1/8	2	\$119.56
Hose	Hyd. Hose	1	\$18.33

	Hours/Mileage	Rate	Total		Parts Total	\$3,985.78
Outside Service	1	\$349.07	\$349.07		Outside Srv.	\$349.07
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	150	\$97.00	\$14,550.00		Repair Labor	\$14,550.00

Work Performed 2] Install GPS unit.			Part #	Description	Quantity	Price
			27498173	USFT GPS Unit	1	\$139.94
	Hours/Mileage	Rate	Total		Parts Total	\$139.94
Travel Labor			\$0.00		Travel Labor	\$0.00
Mileage			\$0.00		Mileage	\$0.00
Repair Labor	1.68	\$97.00	\$162.96		Repair Labor	\$162.96

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Work Performed 3] Oil filter relocation and filters.		Part #	Description	Quantity	Price
		8C-3445	Dust Cap	1	\$4.78
		9C-5344	Spacer	1	\$20.58
		102-5828	Cover	1	\$468.07
		102-5829	Adapter	1	\$211.40
		104-7995	Base	1	\$304.05
		186-3705	Elbow	1	\$65.82
		106-9586	Seal O-Ring	4	\$22.04
		3J-7354	Seal O-Ring	1	\$1.02
		5M-7087	Clamp	2	\$33.38
		5P-7701	Seal	4	\$33.12
		6V-3908	Seal O-Ring	2	\$53.02
		6V-9005	Elbow	1	\$40.24
		6V-9008	Elbow	2	\$72.54
		8C-3446	Valve	1	\$24.16
		7W-5495	Element Air	1	\$78.81
		1R-0750	Filter	2	\$40.10
		1R-1808	Lube Filter	1	\$38.55
		1P-7360	Element Air	1	\$72.32
		STEEL	Angle and Flat	1	\$75.45
		HARDWARE	Hardware	1	\$8.92
		FITTING	Short Hose	1	\$55.16
		FITTING	Long Hose	1	\$55.76
		FITTING	Fitting	1	\$5.33
		1748XD	Oil Filter	1	\$99.67
		6433	Air Filter	1	\$79.22
		3231	Fuel Filter	1	\$76.66
		3936	Fuel Filter	1	\$47.27
		90383	Gauge	1	\$28.74
		784623	Fuse Holder	1	\$6.38
		50139	Plastic Bond	1	\$10.21
	Hours/Mileage	Rate	Total		Parts Total \$2,132.77
Travel Labor			\$0.00		Travel Labor \$0.00
Mileage			\$0.00		Mileage \$0.00
Repair Labor	12.5	\$97.00	\$1,212.50		Repair labor \$1,212.50

Work Performed 4] Add fluids to bring levels full.		Part #	Description	Quantity	Price
		15W40	15W40 Oil	13	\$207.87
		DYED	Dyed Diesel	101	\$433.29
	Hours/Mileage	Rate	Total		Parts Total \$641.16
Travel Labor			\$0.00		Travel Labor \$0.00
Mileage			\$0.00		Mileage \$0.00
Repair Labor	0.5	\$97.00	\$48.50		Repair Labor \$48.50

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Explanation of work performed:

This machine was bought at auction. We were to check the machine and make it ready to rent.

SEG. 01: Install dust ejector pipe and hardware. Rebuild track adjuster. Seal all leaks on machine. Repair oil pan and replace oil pump. Run machine and check functions. We made sure all functions were working properly. Checked lights and gauges.

SEG.02:: Install GPS unit on the machine and secure it in a safe area. Checked with Blake to activate unit and make sure it was reporting correctly.

SEG. 03: : There was an oil leak on the lines going to the engine oil filter. Looked up and ordered the needed gaskets and O-rings. Disassembled the area and cleaned the parts that were being reused. 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. Traveled to the vendor to have the hoses made. Installed the hoses to the 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 at this time.

SEG. 04: Completed oil change by adding thirteen gallons of 15W40 oil. We added one hundred-one gallons of diesel to bring the fuel level full. We washed the machine and the tracks. The machine is now ready for rent. The machine was parked on the ready

Due Date	NA
Please Pay This Amount	\$23,305.54

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