



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 #:	18001125
Date Opened:	10/28/2019
Date Closed:	12/26/2019
Tech:	DT, CS

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	77V18369	NA	

Service requested:
Hydraulic leaks

Work Order Summary per segment:	Travel Labor	Parts	Repair Labor	Mileage	Segment Total
01] Repair hydraulic leaks	\$315.98	\$6,170.42	\$12,914.58	\$900.00	\$20,300.98
Freight & Misc.					\$13.37
Total					\$20,314.35

Work Performed 1]	Part #	Description	Quantity	Price
Diagnose hydraulic and transmission leaks.	9S-4551	Hose	1	\$117.98
	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
	0L-1124	Gasket	1	\$4.77
	4M-5943	Gasket	1	\$3.01
	1M-6594	Gasket	2	\$29.36
	1M-6593	Gasket	2	\$10.76
	4F-5640	Gasket	1	\$2.11
	2S-7472	Gasket	1	\$4.42
	4H-9026	Gasket	1	\$39.86
	8H-9155	Seal	2	\$68.62
	1M-2651	Gasket	1	\$5.84
	8M-4989	Seal O-Ring	2	\$20.74
	2S-6458	Gasket	1	\$4.20
	270-1528	O-Ring Kit	1	\$937.42
	2P-3759	Gasket	1	\$67.45
	3B-8024	Gasket	1	\$8.85
	6L-5311	Gasket	1	\$14.59
	9S-6526	Gasket	1	\$11.93
	270-1537	O-Ring Kit	1	\$148.44
	3S-4459	Gasket	1	\$5.74
	175-7904	Seal O-Ring	1	\$6.86
	2H-3931	Seal	2	\$9.36
	4J-5573	Seal	1	\$2.66
	422-8168	PMP-VANE-CLA	1	\$1,610.60
	5B-9079	Nut	2	\$0.60
	6P-5726	Rod	1	\$129.64

Thank you for your business!

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377-5849	Rodend	2	\$28.68
1P-3705	Seal	10	\$32.50
7H-3609	Nut	27	\$48.60
9S-2727	Bolt	27	\$108.00
226-0173	Pump GP-CLA	1	\$1,367.19
GA20G2	Hyd. Hose w/Fittings	6.12	\$87.76
GA20GS-2	Hyd. Hose w/Fittings	1	\$60.29
GA20GS-20FJX	Hyd. Hose w/Fittings	1	\$113.88
ULTRACLEAN	Ultra Clean 1 1/4-2"	1	\$7.25
6P-0685	Hose	1	\$351.37
3P-5931	Hose	1	\$189.18
8M-4989	Seal O-Ring	2	\$20.72
9P-5545	Gasket	1	\$55.85
30W	30W Trans Fluid	30	\$419.70

	Hours/Mileage	Rate	Total		Parts Total	\$6,170.42
Travel Labor	4.27	\$74.00	\$315.98		Travel Labor	\$315.98
Mileage	300	\$3.00	\$900.00		Mileage	\$900.00
Repair Labor	133.14	\$97.00	\$12,914.58		Repair Labor	\$12,914.58

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. I pulled the cable out of the hook in order to be able to remove the center bar. I pulled all of the wiring from the instrument panel and the pressure lines to the gauges. I removed all of the cotter pins and pins for the brakes, throttle and clutches. I removed the instrument panel and set it out of the way. I removed the center bar and brackets for the lines. I removed the PTO housing and replaced the bearings as needed. Then I removed the driveline to the PTO and replaced the U-joints as needed. I removed all of the lines to the torque convertor and the transmission. I removed the center driveline, and the bolts to the torque convertor and made lifting eyes to pull the housing. I removed the torque convertor housing, then removed the large supply lines to the pump and replaced them. I removed the scavenger pump housing and the valve bodies. I resealed all of the bodies and pump housings. I found that the scavenger pump and hydraulic pump both had wear and play in the output of the housing. I ordered and replaced both of the pumps. I cleaned up the torque convertor housing and the flywheel housing. I installed new gaskets and seals. Then I removed and replaced the input transmission seal and output torque convertor seal. I reinstalled the torque convertor housing with new gaskets. I installed all new hoses and seals. Then I installed the drive line and filled the transmission back up with oil. I removed the brake housing covers and valve bodies. I installed new shaft seals as needed and resealed the mounting surfaces. I resealed the PTO housing and reinstalled it using new gaskets. I reinstalled all of the panels and guards. I installed the fuel tank and ROPS. Then I started and ran the machine and checked for leaks. I fixed the small leaks as they were found.

Due Date	NA
Please Pay This Amount	\$20,314.35

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