

## Service Invoice

Customer PO #:

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

Track adjuster leaking off

Customer Number:	
10019	

Work Order #:	18000762
Date Opened:	2/4/2019
Date Closed:	2/13/2019
Tech:	DT/CS

Cus	stomer Info:
В	enco Machinery, LLC
76	600 N. Bryant Ave
0	klahoma City, OK 73121

Location	of Repair:		
Pittsbu	rg County, OK		
Outside	of Quinton		

Make	Model	Serial Number	Hours In	Hours Out
CAT	D6M	4JN00816		6630

CAT	DOIVI	4JN00816	0030
-			
Service requested:			

Work Order Summary per segment:	Travel Labor	Parts	Repair Labor	Mileage	Segment Total
<b>01</b> ] Diagnose and repair track adjuster issue	\$1,147.90	\$2,355.51	\$1,227.40	\$1,224.00	\$5,954.81
Freight & Misc.				\$17.52	
				Total	\$5,972.33

Work Performed 1]		Part #	Description	_	Quantity	Price
Diagnose and repair track adjuster issue		8G-4945	Seal		1	\$40.11
		190-8609	Fill valve		1	\$19.70
		9X-4580 Seal		1	\$321.00	
		3W-2025	Ring		1	\$62.57
		9P-8899	Bearing		1	\$153.98
		2J-6274	O-Ring		1	\$1.20
		108-0801	Cylinder		1	\$1,344.70
		8G-3102	Piston		1	\$412.25
	Hours/Mileage	Rate	Total		Parts Total	\$2,355.51
Travel Labor	17.66	\$65.00	\$1,147.90		Travel Labor	\$1,147.90
Mileage	612	\$2.00	\$1,224.00		Mileage	\$1,224.00
Repair Labor	14.44	\$85.00	\$1,227.40		Repair Labor	\$1,227.40

## **Explanation of work performed:**

We drove to Bennett Construction's yard outside of Quinton, Oklahoma and found the dozer that needed repaired. We moved two dozers out of the way to get to this machine. We moved the machine over to a place where we could disassemble the right side track. We pulled the master link and set the track down to access the idler. Then we moved the machine back to access the cover plate. We pulled the locks and dragged the idler forward. Next we hooked up to a crane and removed the idler from the track frame. Then we pulled out the grease adjuster, tore it apart and cleaned it. We found that the piston and cylinder had wear marks on the bottom side that were eating up the seal. We called and ordered new parts and cleaned up the area. Then we drove back to shop to wait on the parts to arrive.

We drove back to the machine's location after getting the parts. I rebuilt the track adjuster while Caleb cleaned out the track frame and idler. I installed the adjuster into the idler, then replaced the bearing, seal and clip on the track frame. I installed the idler into frame and used a forklift to push the idler in. Then I moved the machine and lined up the track. I installed and torqued down the master link. Then I adjusted the track and cleaned up the work area. I found five gallons of oil on the yard and used it to fill the track frame. Then I reinstalled all of the caps and test drove the machine. The track is staying adjusted and works great at this time. We

Please Pay This Amount \$5,972.33