

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 01
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.	PO# 22694	
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960	1VRB36079E1000189		
	D100X140				

WE APPRECIATE YOUR BUSINESS!!

641001

SEGMENT# 1 C HO34 INSPECT 01/02/19 01/26/19
A006 - BASIC EQUIPMENT INSPECTION

COMPLAINT:

NJ - Courtesy machine inspection

CORRECTION:

Tech completed courtesy machine inspection.

NOTE: All work approved by

ADDITIONAL DESCRIPTION:

NJ - SHOP - 01/02/19

OWNED:

CONTACT

RENT: C

Planned Maintenance through 09/08/19

No Open Campaigns

10100001

SEGMENT# 2 C HO34 4L00V 01/02/19 01/26/19

4L00 - HYDRAULIC LABOR

COMPLAINT:

02 - NJ - Customer states machine is constantly blowing hydraulic hose (in hose carrier) only while reaming with machine

UD: 01-23-19 PM Actually this hose (for rotation circuit) has "quit blowing" - But, the hose for the Kelly lock cylinder has blown two hoses in two days. Cust thinks it is

CONTINUED ON PAGE 02

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 02
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms NET 30 WAC		Salesperson NJ1

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960 1VRB36079E1000189		
	D100X140			

the hose on the psi side - Also - Blew a hose on the rear stabilizer (MAY BE CAPPED OFF TO ALLOW FOR UNLOADING OF HDD - This hose will need replaced and then a system test must be performed (PFC Pump System) to be sure there is not a hyd psi issue causing these hoses to "blow". (jesse)

CAUSE:

Hydraulic hoses damaged; possible psi issue.

CORRECTION:

Tech installed new hydraulic hoses; topped of hydraulic tank with Ultra Gold Hy-Power 100 fluid; performed hydrostatic test of hydraulic pumps as needed. Hydrostatic test found pressures are within factory specifications and machine is functioning normally at this time.

SUBLETP	HOSE ASSY	2	
101519003	ULTRA GOLD HY-P	4	

PARTS
LABOR
SUBLET

10100001	SEGMENT TOTAL==>	1156.16
----------	------------------	---------

SEGMENT# 3 C HO34 9L00V 01/02/19 02/07/19
9L00 - Water System Labor

COMPLAINT:

NJ - Oil (pony rod) seals in mud pump need to be replaced

CAUSE:

Normal machine maintenance; Pony rod seals failed.

CORRECTION:

Tech installed new pony rod seal assembly; installed 1 new wiper box; performed pm service on crank drive end of mud pump as needed and per customer approval. Function tested;

CONTINUED ON PAGE 03

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 03
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Term	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 41/S	3960	1VRB36079E1000189		
	D100X140				

working normally.

FRT	FRT	1
SAE-40ND	SAE-40 ND QUART	18
277780009	SEAL - NITRILE	3 S
296367743	WIPER BOX	1
296367744	SEAL	3 S
296367745	OIL SEAL	3 S
296432553	FILTER-HYDRAULI	1

10100001

SEGMENT TOTAL==>

2205.30

SEGMENT# 4 C HO34 5104V 01/02/19 02/22/19
5104 - Wear Strips/Slides (all) R&R CMP

COMPLAINT:

NJ - Customer requests to replace kelly wear slides as needed.

CAUSE:

Carriage wear slides worn; Rotation gearbox block/slide worn

CORRECTION:

Tech installed new carriage wear slides; installed new adjusting bolts and adjusted carriage slides; installed new gearbox block/slide as needed. Function tested; working normally.

296347718	WEAR-TOP PAD LO	2 S
296347719	WEAR-TOP PAD SH	2 S
296347720	WEAR-PAD SIDE	4 S
296347722	WEAR-TOP FRONT	2 S
296351295	WEAR-PAD BOTTOM	2
296351331	BLOCK - GEARBOX	2 S

CONTINUED ON PAGE 04

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 04
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960	1VRB36079E1000189		
	D100X140				
296381582	SET SCREW- 3/4-			4 N	
10100001				SEGMENT TOTAL==>	3884.98

SEGMENT# 5 C HO34 9L00V 01/02/19 02/25/19
 9L00 - Water System Labor

COMPLAINT:

NJ - Customer requests to replace water swivel; customer will supply part (Part is marked w/ Customer's name and held in the Parts Dept.)

CAUSE:

Mud line is siezed to water swivel; Water swivel failed internally.

CORRECTION:

Tech started removal of water swivel and found mud line fitting siezed to water swivel. Tech used rose bud to heat up fitting at swivel. Threads are galled so tech used saws-all to cut mud line from water swivel; installed new water swivel as needed. Function tested; working normally.

ADDITIONAL DESCRIPTION:

Welding/Cutting Supplies - \$15.00

80632	THREAD SEAL	1
893241002	MAX ICE	1

10100001	SEGMENT TOTAL==>	452.39
----------	------------------	--------

SEGMENT# 6 C HO34 A007V 01/02/19 01/22/19
 A007 - Equipment Winterization

CONTINUED ON PAGE 05

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 05
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Term		Salesperson NJ1

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960 1VRB36079E1000189		
	D100X140			

COMPLAINT:

NJ - Equipment winterization

CAUSE:

Regular machine maintenance

CORRECTION:

Tech completed equipment winterization as needed.

ANTIFREEZE-PINK	PINK RV ANTIFRE	6
-----------------	-----------------	---

10100001	SEGMENT TOTAL==>	228.60
----------	------------------	--------

SEGMENT# 7 C HO34 3L00V	01/02/19 02/22/19
3L00 - Frame Labor	

COMPLAINT:

07 - (MG) Brackets on auto-greaser are loose and grease line is leaking; Repair as needed.

CAUSE:

Auto-greaser hose is damaged; brackets loose.

CORRECTION:

Tech tightened bolts on brackets and installed new auto-greaser line as needed. Function tested; working normally.

FRT	FRT NDA SAT	1
57940381	HOSE-3/8X38 6FS	1 N

10100001	SEGMENT TOTAL==>	145.00
----------	------------------	--------

SEGMENT# 8 C HO34 4L00V	01/02/19 02/23/19
4L00 - HYDRAULIC LABOR	

CONTINUED ON PAGE 06

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 07
Account No.	Phone No.	Invoice No. W07755
Ship via	Purchase Order J	
Tax ID No.		
Term	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960 1VRB36079E1000189		
	D100X140			

Tech used rose bud to heat bolts on vise cylinder for removal; removed failed vise cylinder; tapped and repaired threads for mounting bolt holes for vise cylinder; installed new cylinder and hardware; tightened vise frame mounting bolts; inspected vise frame for damage as needed. Function tested; working normally.

ADDITIONAL DESCRIPTION:

1. 3L00 - Frame Labor (3L00V)	3.00	
2. 8041 - VISE CYLINDER CLAMP (8041V)	3.50	
	=====	
Quantity	x1	
	=====	
	6.50	

Welding/Cutting Supplies -	CYLINDER 6" CLA	1	1	
296335127				

10100001	SEGMENT TOTAL==>	2130.31
----------	------------------	---------

SEGMENT#11 C HO34 VOID 01/02/19

3020 - STEP ASSEMBLY

COMPLAINT:

11 - (MG) Replace step going into cab (customer needs parts quote).

CORRECTION:

This repair is declined by the customer (Jared) to Jesse.
(02-22-19 AM)

SEGMENT#12 C HO34 4200V 01/02/19 02/25/19

CONTINUED ON PAGE 08

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 08
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960 1VRB36079E1000189		
	D100X140			

4200 - Hydraulic Hose (each) R&R (only)

COMPLAINT:

12 - (MG) Replace hydraulic hose at (rack side) rear stabilizer as needed.

CAUSE:

Hydraulic hose damaged.

CORRECTION:

Tech installed new hydraulic hose at rear stabilizer as needed. Function tested; working normally.

SUBLETP	Hydraulic Hose	1
---------	----------------	---

10100001	SEGMENT TOTAL==>	140.00
----------	------------------	--------

SEGMENT#13 C HO34 1L00V 01/02/19 02/25/19

1L00 - Electrical Labor

COMPLAINT:

13 - (JE) Check Cab AC for cooling & function (if possible)

CORRECTION:

Tech pulled vacuum on A/C system; charged with 3 cans of Freon as needed. Machine is not cooling normally. Needs more diag at this time, but ambient air temperature is below 72 Fahrenheit and cannot test.

R134A	OK CITY R134A O	3
-------	-----------------	---

10100001	SEGMENT TOTAL==>	224.97
----------	------------------	--------

SEGMENT#14 C HO34 9L00V 01/02/19 02/27/19

9L00 - Water System Labor

CONTINUED ON PAGE 09

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 09
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960	1VRB36079E1000189		
	D100X140				

COMPLAINT:

14 - (MG) Replace mud line from water swivel to 90 degree fitting in the middle of the rack as per customer request.

CAUSE:

Mud line threads at water swivel are galled.

CORRECTION:

Tech removed damaged mud line going from water swivel through the hose carrier; installed new mud line; re-connected to water swivel as needed. Function tested; working normally.

FRT	FRT HOSE	1
130644001	FITTING-32MJICK	1
296363073	HOSE HYD 2X423	1 N
6035060	TAPE BLACK	1

10100001	SEGMENT TOTAL==>	3130.76
----------	------------------	---------

SEGMENT#15 C HO34 4200V 01/02/19 03/06/19
4200 - Hydraulic Hose (each) R&R (only)

COMPLAINT:

15 - (MG) Machine blew 2 hydraulic hose in the hose carrier during function testing; Repair as needed.

CAUSE:

Hydraulic lines damaged; regular machine maintenance/wear/use.

CORRECTION:

Tech installed 2 new hydraulic lines in hose carrier as needed. Function tested machine and found that the hose carrier is damaged beyond repair causing damage to the

CONTINUED ON PAGE 10

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 10
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960	1VRB36079E1000189		
	D100X140				
hydraulic hoses. See segment 16.					
SUBLETP	HYD HOSE 28'			1	
SUBLETP	HYD HOSES			1	

10100001	SEGMENT TOTAL==>	1360.52
----------	------------------	---------

SEGMENT#16 C HO34 MULTIPLE 01/02/19 03/14/19
 5109 - Rack Hose Carrier R&R CMP

COMPLAINT:

16 - (MG) Hose carrier is badly damaged and needs replaced.

CAUSE:

Hose carrier failed/damaged; bent/broken/missing pieces on the underside

CORRECTION:

Tech dis-assembled hose carrier for removal; removed hydraulic hose cover plate in trough; dis-connected all hydraulic hoses and removed from machine; replaced any damaged hydraulic hoses; installed hydraulic hoses in new hose carrier; installed new hose carrier on machine; re-connected all hydraulic hoses; re-installed cover plate in trough and welded in place as needed. Function tested; working normally.

ADDITIONAL DESCRIPTION:

1. 5L50 - TL Rack Labor (5L50V)	10.00
2. 5109 - Rack Hose Carrier R&R CMP (5109V)	15.75

Quantity

=====

x1

=====

25.75

CONTINUED ON PAGE 11

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 11
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#		HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 41/S	3960	1VRB36079E1000189		
	D100X140				
FRT	FRT			1	
FRT	FRT HOSE CARRIE			1	
FRT	FRT NDA			1	
FRT	FRT NDA PED EX			1	
SUBLETP	#6 TEE FITTING			1	
SUBLETP	COLORED ZIP TIE			40	
SUBLETP	HYD HOSES SRP			1	
189099107	BRAKE CLEANER			3	
235713001	WASHER - FLATST			8 S	
235725001	NUT - HEX - .38			4 S	
296351435	HOSE-HYD-1X310-			1 N	
296426836	CARRIER-HOSE 20			1 N	
5/16 F/W	5/16 FLAT WASHE			4	
5/16 L/W	5/16 LOCK WASHE			4	
5/16-18 NUT	5/16-18 NUT			4	
5/16-18-1.5	5/16-18 X 1 1/2			4	
510308112	BOLT-CARG-.38-1			4 N	

10100001	42001104	SEGMENT TOTAL==>	12071.75
----------	----------	------------------	----------

SEGMENT#17 C HO34 1L00V 01/02/19 05/11/19

1L00 - Electrical Labor

COMPLAINT:

17 - (MG) Machine lost all hydraulic functions during function testing (diag = 1.00)

CAUSE:

Blown fuse

CORRECTION:

CONTINUED ON PAGE 12

Branch OKC		
Date 05/22/19	Time 22:00:39 (B)	Page 12
Account No.	Phone No.	Invoice No. W07755
Ship Via	Purchase Order	
Tax ID No.		
Terms	Salesperson NJ1	

SERVICE INVOICE

STK#/FLEET#	HRS	PIN/EIN	WARRANTY DATE	HRS
E004624	D100X140 TIER 4i/S	3960 1VRB36079E1000189		
	D100X140			

Tech diagnosed machine and found a blown fuse in the fuse panel. Tech installed new fuse as needed. Function tested; working normally.

SUBLETP	20amp Fuse	1
---------	------------	---

10100001	SEGMENT TOTAL==>	122.05
----------	------------------	--------

NJ052219

***** WORK ORDER TOTALS *****

PARTS	
LABOR	
SUBLET	
ENVIROMENTAL	
WELDING SUPPLIE	
SUB TOTAL==>	
OKLAHOMA STATE 4.5%	
OKLAHOMA CITY	
ON ACCOUNT	29104.57