# NC MACHINERY F



#### **INVOICE**

WA - (425) 251-9800 AK - (907) 786-7500

Please Remit To: N C Machinery

PO Box 58201 Tukwila, WA 98138-1201

**SOLD TO** 

JR HAYES & SONS INC 22430 SE 231ST ST MAPLE VALLEY WA 98038-8272 **SHIP TO** 

INVOICE NUM	ABER	INVOICE DATE	CUSTOM	ER NUME	BER	CUSTOMER ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
S116049	9	06-20-22	0128	3700			21	W	DKR	2	1
PSO/WO N	0.	DOC. DATE	PC	LC	MC	SHIP VIA		11.4		INV SEQ	NO.
S11604	9	05-24-22	10	10	10						1
MAKE	MOD	EL	SE	RIAL NUI	VIBER	EQUIPMENT NUMBER	METER	READI	NG	MACHINE I	D NO.
AA	735	* C	AT0073	35AB1	N 0 0 5 4 8	3* AT3	g	961	. 0	26W558	83
QUANTITY		ITEM	N/R		The transfer	DESCRIPTION	UNIT	PRICE		EXTENSION	V

PROFORMA INVOICE

\* \*

EMERALD GATEWAY SITE T/S LEAK

TROUBLESHOOT HYDRAULIC SYSTEM OIL LEAK

CUSTOMER CONCERN OIL LEAKING FROM TRANSMISSION. CAUSE OF FAILURE FOUND MULTIPLE LEAKS. OIL LEAKING FROM TRANSMISSION CASES AND ALSO FROM OUTPUT TRANSFER GEAR. INPUT SHAFT YOKE SEAL. RESULTANT DAMAGE LOSS OF OIL. REPAIR COMMENTS INSPECTED MACHINE TO FIND SOURCE OF OIL LEAKS. FOUND OIL LEAKING FROM TRANSFER GEAR YOKE. ALSO FOUND TRANSMISSION OIL COVERING WIDE AREA. RAISED CAB AND INSPECTED TOP COMPONENTS WITH ENGINE RUNNING. FOUND NO SIGNIFICANT LEAKS COMING FROM TOP OF TRANSMISSION.MOST LEAKAGE WAS COMING FROM TRANSMISSION CASES, O-RINGS BETWEEN CASES. DISCUSSED REPAIR OPTIONS WITH CUSTOMER. ORDERED PARTS FOR SHAFT AND YOKE SEAL.REMOVED AND REPLACED YOKE AND SEALS FOR OUTPUT TRANSFER GEAR TO FRONT AXLE. ADDED OIL TO TRANSFER GEAR TO BRING UP TO FULL LEVEL.

This Service is subject to all terms and conditions set forth in the N C Machinery Co. Work Authorization, including LIMITED WARRANTY AND RELEASE and EXCLUSION OF LIABILITIES set forth on that authorization.

TERMS: ALL PARTS AND SERVICE INVOICES ARE DUE THE 10TH OF THE MONTH FOLLOWING THE DATE OF PURCHASE. MACHINE INVOICES NET 10 DAYS FROM DATE OF INVOICE.

Each payment or sum past due shall bear a late payment charge of the lesser of 1 1/2% per month, which is an annual percentage rate of 18%, or an amount not to exceed the highest rate permitted by law.



PAY THIS AMOUNT	CONT'D
AMOUNT CREDIT	

Merchandise cannot be returned for credit without our prior approval and only in accordance with our Parts Return Policy. A copy of the policy is available upon request.

# NC MACHINERY



#### INVOICE

WA - (425) 251-9800 AK - (907) 786-7500

Please Remit To: N C Machinery PO Box 58201 Tukwila, WA 98138-1201

**SOLD TO** 

JR HAYES & SONS INC 22430 SE 231ST ST MAPLE VALLEY WA 98038-8272 **SHIP TO** 

INVOICE	NUMBER	INVOICE DATE	CUSTOMER NUN	MBER CUST	OMER ORDER N	UMBER	STORE	DIV	SALESMAN		PA
S116	049	06-20-22	0128700				21	W	DKR	2	2
PSO/V	VO NO.	DOC. DATE		MC	SHI	VIA				INV SEQ I	
S116	049	05-24-22	2 10 10	10							1
MAKE	1		SERIAL NU		EQUIPMENT	NUMBER		READIN		MACHINE II	
AA	735	*(	CAT00735AB	1N00548*	AT3			9961.	0	26W558	
UANTITY		ITEM	N/R	DES	CRIPTION		UNIT	PRICE		EXTENSION	
			* * *	PROFORMA	A INVOICE	*	* *				
1	7F-2122		SEAL	-0-RING	S			5.69		5.6	9
1	171-2183			- V RING	S			9.94		59.9	4
1	223-9743		SEAL	LIP TYP	N		9	2.88		92.8	8
1	252-2101		YOKE	AS.	N		66	6.30		666.3	0
			T	OTAL PARTS	S	SEG.	0 1			824.8	1 3
			T	OTAL LABOI	R	SEG.	01			1314.0	0
1.	0 0		S	PK SHIP&H	ANDLE					30.0	0
			T	OTAL MISC	CHGS	SEG.	0 1			30.0	0 .
				SEGMENT 0	1 TOTAL					2168.8	1
* *		nea sea s	ese nes nes e		5 1125 1151 115						• • •
TRAVE	L TO/FROM	1 MACHINI	E								
						F/	R ALL			300.0	0
				SEGMENT 9	9 TOTAL					300.0	0 .

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PAY THIS AMOUNT	CONT'D
AMOUNT CREDIT	

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# NC MACHINERY



#### INVOICE

WA - (425) 251-9800 AK - (907) 786-7500

Please Remit To: N C Machinery PO Box 58201 Tukwila, WA 98138-1201

**SOLD TO** 

JR HAYES & SONS INC 22430 SE 231ST ST MAPLE VALLEY WA 98038-8272 **SHIP TO** 

INVOICE NU	IMBER	INVOICE DATE	CUSTOM	ER NUMB	ER	CUSTO	MER ORDER NUMBER	STORE	DIV	SALESMAN	TERMS	PAGE
S11604	9	06-20-22	0128	700				21	W	DKR	2	3
PSO/WO	NO.	DOC. DATE	PC	LC	MC		SHIP VIA				INV SEQ	NO.
S11604	19	05-24-22	10	10	10							1
MAKE	MOI	DEL	SEI	RIAL NUM	ABER		EQUIPMENT NUMBER	METER	READIN	IG	MACHINE I	D NO.
AA	735	* C	AT0073	5 A B 1	N 0 0 5 4	8*	AT3	g	961	. 0	26W558	83
QUANTITY		ITEM	N/R	1		DESC	RIPTION	UNIT	PRICE		EXTENSION	N

PROFORMA INVOICE

SEATTLE TAX

253.05 T

This Service is subject to all terms and conditions set forth in the N C Machinery Co. Work Authorization, including LIMITED WARRANTY AND RELEASE FINED EXCLUSION OF LIABILITIES set forth on that authorization.

ALL PARTS AND SERVICE INVOICES ARE DUE THE 10TH OF THE MONTH FOLLOWING THE DATE OF PURCHASE. MACHINE INVOICES NET 10 DAYS FROM DATE OF INVOICE.

Each payment or sum past due shall bear a late payment charge of the lesser of 1 1/2%per month, which is an annual percentage rate of 18%, or an amount not to exceed the highest rate permitted by law.



PAY THIS AMOUNT	2721.86
AMOUNT CREDIT	

Merchandise cannot be returned for credit without our prior approval and only in accordance with our Parts Return Policy. A copy of the policy is available upon request.



10/22/18 PAPE' MACHINERY \* W.O.#- 2339496 09:55:02 BRANCH- 23 PAGE- 01 FINAL PREVIEW DIVISN- 04 WORK ORDER- 2339496 TRUCK NUM- 0 SOLD TO: 207860 SHIP TO: J R HAYES & SONS INC J R HAYES & SONS INC 22430 SE 231ST ST 22430 SE 231ST ST MAPLE VALLEY WA 98038 MAPLE VALLEY PHONE-9803 425-392-5722 P.O. #-MAKE/MODEL- CT 735 DATE OPENED- 9/24/18 EQUIP. NUMBER- AT3 SERIAL NUMBER- B1N00548 SALE TYPE- 2 CHARGE METER- 8190 SHOP/FLD/RES- F ord b-o ship 02 6211 rate extension --date----hrs-mech---10-25-18 SEGMENT 001 S/F/R/Q-F JC- 0/ 0 LC-14 PC-10 NETTING PARTS PERFORM 500HR PM SERVICE PERFORMED 500 HOUR SERVICE. DRAINED AND FILLED ENGINE OIL. REPLACED ENGINE OIL FILTER, FUEL FILTERS, HYDRAULIC FILTERS AND AIR FILTERS. GREASED MACHINE AND INSPECTED ENTIRE MACHINE. WHILE ATTEMPTING TO REPLACE THE HYDRAULIC FILTER THE BOLT FOR THE FILTER CAP BROKE. THE BOLT NEEDED TO BE ORDERED AND THE TANK WILL NEED TO BE EMPTIED SO THE BROKEN BOLT END CAN BE EXTRACTED. \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* RECOMMENDATIONS: FOUND AN ENGINE OIL LEAK AT THE FRONT TIMING COVER AND AN OIL LEAK AT THE TRANSMISSION BELL HOUSING. WILL NEED TO BE CLEANED TO PIN POINT OIL LEAK. 3 TY26679 PLUS-50 TM @ 82.54 1 119-3355 AIR FILTER 38.29 5 1197XE HYD FILTER 61.48 307.40 1 1455 HYD FILTER 53.38 1 1792XD OIL FILTER 60.10 1 259-3222 FILTER 25.62 25.62 1 2D-8009 SEAL O-RING 6.01 6.01 1 1 3640 FUEL FILTER 36.65 36.65 1 513-4490 FUEL SEP 40.13 40.13 1 6770 AIR FILTER 1 6771 AIR FILTER 135.65 135.65 80.78 80.78 1 6F-4855 SEAL 1.40 1.40 1 8J-1665 O RING 8.93 8.93 LABOR 535.00 PARTS LABOR SPEC SERVICES 1,041.96

.00 BILLED TIME/MAT

TAX

SEGMENT TOTAL-->

.00

1,576.96

135.62

1,712.58

535.00

46.01

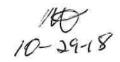
89.61

10/22/18 PAPE' MACHINERY \* W.O.#- 2339496 09:55:02 BRANCH- 23 PAGE- 02 FINAL PREVIEW DIVISN- 04 WORK ORDER- 2339496 TRUCK NUM- 0 SOLD TO: 207860 SHIP TO: J R HAYES & SONS INC J R HAYES & SONS INC 22430 SE 231ST ST 22430 SE 231ST ST MAPLE VALLEY WA 98038 MAPLE VALLEY WA 98038 PHONE- 425-392-5722 P.O. #-MAKE/MODEL- CT 735 DATE OPENED- 9/24/18 EQUIP. NUMBER- AT3 SERIAL NUMBER- B1N00548 SALE TYPE- 2 CHARGE SHOP/FLD/RES- F METER- 8190 ord b-o ship rate extension --date----hrs-mech-------SEGMENT 002 S/F/R/Q-F JC- 0/ 0 LC-1Z PC-10 NETTING PARTS REPAIR FOR BOLT BROKE OFF IN HYDRAULIC TANK REMOVED TOP OF HYDRAULIC TANK AND REMOVED ALL HYDRAULIC HOSES GOING TO TOP OF TANK. SET TANK FILTER HOUSING ON GROUND AND CUT OFF FILTER CAGE AT BOTTOM OF HOUSING. ATTEMPTED TO HEAT BROKEN BOLT AND HOUSING TO GET BOLT END OUT OF HOUSING FOUND BOLT CROSS THREADED AND WOULDN'T COME OUT. DRILLED OUT BROKEN BOLT END. CLEANED UP THREADS WITH A TAP AND TESTED THREADS WITH BOLT FROM OTHER HYDRAULIC TANK. REINSTALLED TANK FILTER HOUSING INTO HYDRAULIC TANK. HAD TO RETURN TO SITE NEXT DAY INSTALLED A 32" PIECE OF ALL THREAD TO INSTALL FILTERS INTO TANK WHILE WAITING FOR THE CORRECT BOLT TO ARRIVE. OPERATOR WAS ABLE TO RUN MACHINE FOR THE DAY. RETURNED TO SITE FOLLOWING DAY ATTEMPTED TO INSTALL THE CORRECT BOLT INTO FILTER HOUSING AND THE NEW BOLT WENT IN ABOUT 4 TURNS AND SEIZED IN THE HOLE. ATTEMPTED TO REMOVE THE BOLT TO INSPECT IT, BUT THE BOLT END BROKE AGAIN. REMOVED THE FILTER HOUSING AGAIN AND DRILLED OUT THE BROKEN BOLT END AGAIN. THE BOLT WAS STILL USABLE AS ONLY THE LAST

	THERE WERE NO LEAKS.		
1	1 2908-050 HYDRAULIC 0@	87.24	87.24
1	1 149-2744 BOLT	199.40	199.40
1	1 039-607-1 THREADED ROD	27.30	27.30
2	2 060-007-1 NUT	.13	.26
1	1 070-207-1 WASHER, HD (O	.11	.11
	LABOR	3.5	729.00

1/2" OF THE BOLT BROKE OFF. AFTER GETTING THE BOLT END OUT REINSTALLED HOUSING AND INSTALLED THE FILTER ASSEMBLY. TESTED THE MACHINE FOR LEAKS AND DID NOT FIND ANY. THE MACHINE WAS RUN FOR A DAY AND RETURNED TO TOP OFF THE FLUID AND VERIFY THERE WERE NO LEAKS. CLEANED THE TOP OF THE TANK OFF AND TOPPED OFF OIL. HAD THE OPERATOR RUN THE MACHNINE FOR ABOUT 30 MIN TO LET IT GET HOT AND VERIFY

10/22/18 09:55:02 PAGE- 03	PAPE' M FINAL				#- 2339496 BRANCH- 23 DIVISN- 04	3
WORK ORDER- 2339496		נ	TRUCK NUM-	- 0		
SOLD TO: 207860 J R HAYES & S 22430 SE 231S		S		J R HAYES & S 22430 SE 231S		
MAPLE VALLEY	WA 98038		PHONE - 4	MAPLE VALLEY 125-392-5722	WA 98038	
MAKE/MODEL- CT 735 EQUIP. NUMBER- AT3				ED- 9/24/18		
SERIAL NUMBER- B1N0054 METER- 8190	3	S	HOP/FLD/F	- 2 CHARGE RES- F		
ord b-o ship datehrs-mech				rate	extension	
SEGMENT 002  PARTS 314.31 27.03	CONTINUI	ED JC- EC SERVIC	0/ 0 I ES BILLED	C-1Z PC-10 N	ETTING PARTS 1,043.31 89.72	
SEGMENT 099  TRAV FAST 2 2 5	S/F/R/Q- EL TIME AND MII ENAL JOB SITE. ERVICE TRIP CHA	-F JC- LEAGE 9190 OR: ARGE	0/ 0 L	C-10 PC-10 N . LACEY 225.00	ETTING PARTS	1/2
PARTS .00	LABOR SPE		TIME/M	ATERIALS TAX NT TOTAL>	38.73	
SERV	ICE SUPPLIES			37.92	37.92	
1,356.27 116.64	1,264.00 108.70	487.92 41.99	BILLED '	TAX	3,108.19 267.33	
				CE TOTAL>		



98038



PAPE ' MACHINERY \* W.O.#- 2339496 10/22/18 09:55:02 BRANCH- 23 FINAL PREVIEW PAGE- 01 DIVISN- 04

WORK ORDER- 2339496

TRUCK NUM- 0

SOLD TO: 207860

J R HAYES & SONS INC 22430 SE 231ST ST

MAPLE VALLEY WA 98038

SHIP TO: J R HAYES & SONS INC 22430 SE 231ST ST

MAPLE VALLEY 425-392-5722

PHONE-P.O. #-

DATE OPENED-9/24/18

SALE TYPE- 2 CHARGE

MAKE/MODEL- CT 735 EQUIP. NUMBER- AT3 SERIAL NUMBER- B1N00548

METER- 8190

SHOP/FLD/RES- F

02 6211 AT3 120 ord b-o ship rate extension --date----hrs-mech----10-25-18

SEGMENT 001

S/F/R/Q-F JC- 0/ 0 LC-14 PC-10 NETTING PARTS PERFORM 500HR PM SERVICE PERFORMED 500 HOUR SERVICE. DRAINED AND FILLED ENGINE OIL. REPLACED ENGINE OIL FILTER, FUEL FILTERS, HYDRAULIC FILTERS AND AIR FILTERS. GREASED MACHINE AND INSPECTED ENTIRE MACHINE. WHILE ATTEMPTING TO REPLACE THE HYDRAULIC FILTER THE BOLT FOR THE FILTER CAP BROKE. THE BOLT NEEDED TO BE ORDERED AND THE TANK WILL NEED TO BE EMPTIED SO THE BROKEN BOLT END CAN BE EXTRACTED.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

RECOMMENDATIONS:

FOUND AN ENGINE OIL LEAK AT THE FRONT TIMING COVER AND AN OIL LEAK AT THE TRANSMISSION BELL HOUSING. WILL NEED TO BE CLEANED TO PIN POINT OIL LEAK.

	CLICIED TO TILL TOTAL OTH HILL		
3	3 TY26679 PLUS-50 TM @	82.54	247.62
1	1 119-3355 AIR FILTER	38.29	38.29
5	5 1197XE HYD FILTER	61.48	307.40
1	1 1455 HYD FILTER	53.38	53.38
1	1 1792XD OIL FILTER	60.10	60.10
1	1 259-3222 FILTER	25.62	25.62
1	1 2D-8009 SEAL O-RING	6.01	6.01
1	1 3640 FUEL FILTER	36.65	36.65
1	1 513-4490 FUEL SEP	40.13	40.13
1	1 6770 AIR FILTER	135.65	135.65
1	1 6771 AIR FILTER	80.78	80.78
1	1 6F-4855 SEAL	1.40	1.40
1	1 8J-1665 O RING	8.93	8.93
	LABOR		535.00

PARTS	LABOR	SPEC SERVICE	ES	
1,041.96	535.00	.00	BILLED TIME/MAT	1,576.96
89.61	46.01	.00	TAX	135.62
			SEGMENT TOTAL>	1,712.58

10/22/18 09:55:02 PAGE- 02	PAPE' MACH: FINAL PRE	INERY VIEW	* W.O.#- 2339496 BRANCH- 23 DIVISN- 04
WORK ORDER- 233	9496	TRUCK NUM- 0	
	S & SONS INC 231ST ST		
MAPLE VA	LLEY WA 98038	MAPLE V. PHONE- 425-392	ALLEY WA 98038 -5722
MAKE/MODEL- CT 73	5	P.O. #- DATE OPENED- 9/	24/18
EQUIP. NUMBER- AT SERIAL NUMBER- B1 METER- 8190	3 N00548		
ord b-o shi	p h	ra	te extension
SEGMENT 002	S/F/R/Q-F JC- REPAIR FOR BOLT BROKE OFF REMOVED TOP OF HYDRAULIC HOSES GOING TO TOP OF TAN GROUND AND CUT OFF FILTER ATTEMPTED TO HEAT BROKEN OUT OF HOUSING FOUND BOLT OUT. DRILLED OUT BROKEN E A TAP AND TESTED THREADS TANK. REINSTALLED TANK FI HAD TO RETURN TO SITE NEX THREAD TO INSTALL FILTERS CORRECT BOLT TO ARRIVE. FOR THE DAY. RETURNED TO SITE FOLLOWIN CORRECT BOLT INTO FILTER ABOUT 4 TURNS AND SEIZED THE BOLT TO INSPECT IT, E REMOVED THE FILTER HOUSIN BOLT END AGAIN. THE BOLT 1/2" OF THE BOLT BROKE OF REINSTALLED HOUSING AND I TESTED THE MACHINE FOR LE MACHINE WAS RUN FOR A DAY FLUID AND VERIFY THERE WE THE TANK OFF AND TOPPED OF THE MACHNINE FOR ABOUT 30 THERE WERE NO LEAKS. 1 2908-050 HYDRAULIC O@	TANK AND REMOVED AND TANK AND REMOVED AND REMOVED AND CASE AT BOTTOM OF BOLT AND HOUSING COOKS THREADED AND THE HOUSING INTO TOAY INSTALLED AS INTO TANK WHILE WOPERATOR WAS ABLE OF AGAIN AND DRILLING AGAIN AND DRILLING AGAIN AND DRILLING AND THE BOLT END BE OF AGAIN AND DRILLING AND THE FILTH AKS AND DID NOT FILTH AND RETURNED TO THE NO LEAKS. CLEAN FF OIL. HAD THE OIL MIN TO LET IT GET	ALL HYDRAULIC R HOUSING ON F HOUSING. TO GET BOLT END ND WOULDN'T COME UP THREADS WITH HER HYDRAULIC HYDRAULIC TANK. 32" PIECE OF ALL WAITING FOR THE TO RUN MACHINE D INSTALL THE EW BOLT WENT IN MPTED TO REMOVE ROKE AGAIN. ED OUT THE BROKEN AS ONLY THE LAST THE BOLT END OUT ER ASSEMBLY. IND ANY. THE TOP OFF THE NED THE TOP OF PERATOR RUN
1 1 2	1 149-2744 BOLT 1 039-607-1 THREADED ROD 2 060-007-1 NUT 1 070-207-1 WASHER, HD (Q LABOR	199	7.24 9.40 199.40 7.30 27.30 .13 .26 .11 729.00

10/22/18 09:55:02 PAGE- 03	PAPE' MACH FINAL PRE	INERY * W.C	0.#- 2339496 BRANCH- 23 DIVISN- 04
WORK ORDER- 2339496		TRUCK NUM- 0	
SOLD TO: 207860 J R HAYES & S 22430 SE 231S	ONS INC	SHIP TO: J R HAYES & 22430 SE 231	SONS INC ST ST
MAKE/MODEL- CT 735 EQUIP. NUMBER- AT3		MAPLE VALLEY PHONE- 425-392-5722 P.O. #- DATE OPENED- 9/24/18	WA 98038
SERIAL NUMBER- B1N0054 METER- 8190		SALE TYPE- 2 CHARGE SHOP/FLD/RES- F	
ord b-o ship datehrs-mech		rate	extension
PARTS 314.31 27.03	CONTINUED JC- LABOR SPEC SERV 729.00 .0 62.69 .0	- 0/ 0 LC-1Z PC-10 PTC-10 PTC-	1,043.31
SEGMENT 099	S/F/R/Q-F JC-	0/ 0 LC-10 PC-10 N	NETTING PARTS
FAST 2 2 2	TENAL JOB SITE. 9190 SERVICE TRIP CHARGE	0/ 0 LC-10 PC-10 N ORION DR NE. LACEY 225.00	450.00 1/2
PARTS .00	LABOR SPEC SERV .00 450.0 38.7	0 TIME/MATERIALS	38.73
SERV	ICE SUPPLIES	37.92	37.92
1,356.27 116.64	1,264.00 487.9 108.70 41.9	2 BILLED TIME/MAT 9 TAX	3,108.19 267.33
		INVOICE TOTAL>	3,375.52 ******



## MACHINERY



#### **Preventative Maintenance Checklist**

CUSTOMER NAME	S IN		CUSTOMER N 207860-3	o. W.o. No. 2344333
EQUIPMENT NO.	MODEL	SERIAL NO.	2070000	HOUR METER READIN
AT3	735	B1N00548		8615
OTHER		LOC	ATION	
TYPE OF	☑ 500 HOUR	□1000 HOU	R	JR 4000 HOUR
SERVICE				
<u></u>				
		FLUID/FILTER		
	1 ENGINE OIL AND FILTER C		3 HYDRAULIC FILTER CHA	
	2 TRANSMISSION FILTER CH	IANGED?	4 FUEL FILTER CHANGED	AND SCREEN CLEANED?
	OIL SAMP	LES TAKEN AND	FLUID LEVELS CHEC	CKED
7 ENGINE	11 REAR	DIFF.	15 CIRCLE DR.	19 / H/C/BRAKE
8 TRANS	12 FINAL	S RF/LF	16 SPEED REDUCER	20 SWING DR.
9 / HYDRAULIC	13 FINALS	S RR/LR	L7 ✓ SPINDLE L R	21 COOLANT F
10 FRONT DIFF.	. 14 🗸 TANDE	EMS R L	18 STEERING	
OTHERS:				
		CHEC	KED	411 20
22 AIR FILTERS 23 BATTERIES	30 / INHIBI		38 GREASED FITTINGS 39 BREATHERS	46 SEAT BELT CONDITION  47 SERVICE INTERVAL
24 ALTERNATO			40 FIRE EX CHG.	NOTIFICATION DECAL
25 Z BRAKE RESE		TER INDICATOR	41 BACK ALARM	COMPLETED
26 GAUGES		LEANER	42 BRAKE LIGHTS	48 FRONT AXLE BEARING (M
27 HORN 28 ROTATING B		COVERS SIGNALS	43 Z EXPOSED WIRING 44 Z GRAB IRONS	49 / WORK LIGHTS 50 / COOLANT CONDITION
29 PARKING BR			45 7 ROPS/FOPS	51 GREASE PIVOT POINTS
			3) <del></del>	
OTHER:				
		TIK VBOLIND AL	SUAL INSPECTION	
COMMENTS/RECOMM		TER ARCOID VI	OAL MULLETION	
Hyd leak coming fro	om underneath cab above tra	nmission around a (	valve block) request furth	er diagnoses.
	tance from Papé Machine			
	g the above repairs, Plea			Add Add a place of the
ABBREVIATIONS: Ye	·	OK = No Repair Requi	red NA = Not Applicable	MF = Make up Fluid Added
HART, CRYSTAL		02-06-2020		
SERVI	CEMAN SIGNATURE	D	ATE	CUSTOMER SIGNATURE

HITACHI DYNAPAC



### MACHINERY



#### **Preventative Maintenance Checklist**

CUSTOMER NAME JR HAYES & SONS	S IN		CUSTOMER N 207860-1		W.O. NO. 345945
EQUIPMENT NO.	MODEL 735	SERIAL NO. B1N00548	MV.		HOUR METER READING 8820
OTHER	077	LOCA	TION		10000000
750 hour service		JRH	ayes's yard		
TYPE OF SERVICE	☑ 500 HOUR	□1000 HOUF	☐ 2000 HOU	JR □4	000 HOUR
<u> </u>					
		FLUID/FILTERS	CHANGED		
	1 ENGINE OIL AND FILTER (		HYDRAULIC FILTER CHA	ANGED?	
	2 TRANSMISSION FILTER CI	HANGED?	4 FUEL FILTER CHANGED	AND SCREEN CLEAN	IED?
	OIL SAME	PLES TAKEN AND	FLUID LEVELS CHEC	CKED	
7 ENGINE	11 REAR	DIFF. 1	5 CIRCLE DR.	19	H/C/BRAKE
8 TRANS	12 FINAL	S RF/LF 1	6 SPEED REDUCER	20	SWING DR.
9 HYDRAULIC	13 FINAL	S RR/LR 1	7 SPINDLE L R	21	COOLANT -34 F°
10 FRONT DIFF.	14 TAND	EMS R L 1	STEERING		
OTHERS:					
		CHECI	KED		
22 ✓ AIR FILTERS	30INHIB	ITOR 3	8 GREASED FITTINGS	46 🗸	SEAT BELT CONDITION
23 BATTERIES	31 AIR T.		9 BREATHERS	47 🗸	SERVICE INTERVAL
24 ALTERNATO			FIRE EX CHG.  41  BACK ALARM		NOTIFICATION DECAL COMPLETED
26 GAUGES			BRAKE LIGHTS	48	FRONT AXLE BEARING (MTG)
27 HORN			43 Z EXPOSED WIRING	49 🗸	WORK LIGHTS
28 ROTATING B	<u> </u>		44 GRAB IRONS	50 🗸	COOLANT CONDITION
29 PARKING BR	AKE 37 7 FAN E	BELTS	45 / ROPS/FOPS	51 🗸	GREASE PIVOT POINTS
OTHER:					
	W	ALK AROUND VIS	UAL INSPECTION		
COMMENTS/RECOMM	ENDATIONS:				
right bed cylinder le	aking, Wiper blade needs re	placed, hyd vavle blo	ck under the cab leaking	J	
NOTE: If acciet	ance from Papé Machin	ery is required in			
I .	g the above repairs, Plea				
ABBREVIATIONS: Yes	s No RR = Requires Repair	OK = No Repair Requir	ed NA = Not Applicable	MF = Make up F	luid Added
Ken Sloan		07-20 <b>-2020</b>			
SFRVI	CEMAN SIGNATURE	D	ATE	CUSTOMER S	IGNATURE

HITACHI DYNAPAC



### MACHINERY





# Preventative Maintenance Checklist

CUSTOMER NAME	S IN		CUSTOMER NO. 207860-1	W.O. NO. 2349133
EQUIPMENT NO.	MODEL	SERIAL NO.	207000	HOUR METER READING
T3	735	B1N00548	LOCATION	9173
OTHER			LOCATION	
TYPE OF	☐ 500 HOU	R ☑1000 HC	OUR 2000 HOUR	☐ 4000 HOUR
SERVICE				_
		FLUID/FILT	ERS CHANGED	
	1 ENGINE OIL AND	FILTER CHANGED?	3 HYDRAULIC FILTER CHANGE	:D?
	2 TRANSMISSION F	ILTER CHANGED?	4 FUEL FILTER CHANGED AND	SCREEN CLEANED?
				*
	OIL S	SAMPLES TAKEN A	ND FLUID LEVELS CHECKE	D
7 ENGINE	11	REAR DIFF.	15 CIRCLE DR.	19 H/C/BRAKE
8 TRANS	12	FINALS RF/LF	16 SPEED REDUCER	20 SWING DR.
9 HYDRAULIC		FINALS RR/LR	17 SPINDLE L R	21 COOLANT F*
10 FRONT DIF		TANDEMS R L	18 STEERING	
20		<b>-1</b> ,0000		
OTHERS:				
		СН	ECKED	
22 AIR FILTERS		INHIBITOR	38 GREASED FITTINGS	46 SEAT BELT CONDITION
23 / BATTERIES 24 / ALTERNATO	31 DR 32	AIR TANKS UNIV. JOINTS	39 ✓ BREATHERS 40 ✓ FIRE EX CHG.	47 SERVICE INTERVAL  NOTIFICATION DECAL
24 ALTERNATO 25 BRAKE RES	12.0	AIR FILTER INDICATOR	41 / BACK ALARM	COMPLETED
26 GAUGES	34	PRE-CLEANER	42 BRAKE LIGHTS	48 FRONT AXLE BEARING (MT
27 HORN	35 🗸	CAPS, COVERS	43 EXPOSED WIRING	49 WORK LIGHTS
28 ROTATING		TURN SIGNALS  FAN BELTS	44 GRAB IRONS 45 ROPS/FOPS	50 COOLANT CONDITION 51 GREASE PIVOT POINTS
29 PARKING B	RAKE 37	THAIN BELLIS	45 / ROPS/FOPS	31 V GREASE FIVOT FORMIS
OTHER:				
		WALK ADOLIND	VISUAL INSPECTION	
COMMENTS/RECOMN	IENDATIONS:	WALK AROUND	VISUAL INSPECTION	
		achinery is required	in	
makir	g the above repairs			
ABBREVIATIONS: Y	es No RR = Requires R	epair OK = No Repair Re	quired NA = Not Applicable M	F = Make up Fluid Added

SERVICEMAN SIGNATURE

DATE

CUSTOMER SIGNATURE





## AT1 AT2 AT3 AT4

4-6-22

Site Development General Contractor			Articulated Trucks / Machine Inspection					
Date:	3-31-22	Mechani	ic: Brian	<b>.</b> .	Mechanic H	Irs: 4.5		
250 Hour Service:	X	Ann	ual Service:			SMR: 7904		
		A Thirties He	Engine					
	Inspect /Ck	Replace	Qty	Wt.	Sample	Notes		
Engine Oil		1/	10c	15 96				
Filters		1/						
Air Filters		1/						
Fuel		V	到是所能					
Fuel Screen	N-A	C KR						
Water Sep				36-188				
Coolant	V				41.			
Belts	V	The Roll of			of the life			
Hoses	1/							
			Hydraul	ic				
	Inspect /Ck	Replace	Qty	Wt.	Sample	Notes		
Hydraulic Oil	U							
Filters				Sand Fi				
Hoses				I SWEET				
Cylinders & Bushings	V/			The same				
Steering Oil	is the second							
	Bank Park		Drive Tra	ain	May Small			
Toyli III See See See See See See See See See	Inspect /Ck	Replace	Qty	Wt.	Sample	Notes		
Transmission								
Filters		V						
Transm. Screen	N-A-	75415	The section of the se					
Torq								
Planitaries	1/							
Diffs.								
			General Insp	ection				
	Inspect /Ck	Grease	CONTRACTOR CONTRACTOR OF THE C	ACTION TO RECEIVE SE		Notes		
Glass & Wipers			1. Trai	15 FE	Cost	out Put Seal Leaks		
Controls	1/		2. M.S	50 TI	ans Le	aks		
Drivelines					NEW N	Sear Sent Vad		
Horn		FIRE SORT SI	4. A.	In	take C	Jame broken		
Tires	U-		J. Righ	14 5	ile of	E ha Maker a Noise		
Batteries & Cables	0		E Ru	Wes-	Stopless	ere broken we have		
Back Up Alarm			thri	1 11	trailer			
Lights	V							
Seat Belt	V/							
Articulation Joint	V							



Site Development General Contractor

## AT1 AT2 AT3 AT4

### **Articulated Trucks / Machine Inspection**

Site Development	inesis	ractor	Articula	tea i	rucks / I	viacnin	e inspection	
Date:	11-17-21	Mechani	c:13, Nian		Mechanic F	Irs: <u>960</u>	98325	
250 Hour Service:	X	Annual Service:			SMR: 9608			
		CAST BENT	Engine			1000		
Wayne we know a belief	Inspect /Ck	Replace	Qty	Wt.	Sample	8 8	Notes	
Engine Oil			9	1540				
Filters		V .						
Air Filters								
Fuel								
Fuel Screen	N-A	V		alicun al				
Water Sep								
Coolant		ž.						
Belts	V							
Hoses	V		He state of the					
	677 TO THE		Hydraul	ic	(4) 美国型的			
	Inspect /Ck	Replace	Qty	Wt.	Sample		Notes	
Hydraulic Oil	V							
Filters		1/						
Hoses		- U						
Cylinders & Bushings	V							
Steering Oil								
			Control Toro					
	Inspect /Ck	Replace	Orive Tra	Wt.	Sample	Palm some	Notes	THE NAME OF
Transmission	1/							
Filters		1/		94.8				
Transm. Screen	NA		No applications					
Torq	N-A							
Planitaries	NA							
Diffs.	111							
	Inspect /Ck	Grease G	Seneral Insp	ection		Notes		
Glass & Wipers	11.5		bad	Hud	Leak	und	ler cali	4:0
Controls	1/		Wish	7 7 7	rost of	II	Back Sea	
Drivelines	1,/		Cushin	ng 1	n Real	1-1	01	Wa Kex
Horn	1./	股份。 第		Stre	7//	VIL	stels it a	11
Tires	1				Ks Ju	7	7 45 11 6	
Batteries & Cables	1./		21/1	N BI	J-5 UM	SITE		
Back Up Alarm	1							
Lights	1		· A					
Seat Belt	1							
Articulation laint	1	VENEZIONES E ISVA	KINE .					



Site Development General Contractor

## AT1 AT2 AT3 AT4



## **Articulated Trucks / Machine Inspection**

Date:	918-12	Mechan	ic: Gran	-	Mechanic H	rs: <u>کے ج</u>		
250 Hour Service:	A	Ann	ual Service:			SMR: 102	32	
			Engin	O.				
Instrument of the control of	Inspect /Ck	Replace	Qty	Wt.	Sample	Contract and Associated	Notes	
Engine Oil			65	1546				
Filters		V						
Air Filters		V			15.53			
Fuel								
Fuel Screen	NA				48.55			
Water Sep		1/						
Coolant								
Belts	1/					(HAC)	,	
Hoses	V							
			l la alega	U.	Mineral Colonia			rsise
	Inspect /Ck	Replace	Hydrau Qty	Mt.	Sample		Notes	
Hydraulic Oil	Inspect / cik	перисе		1	Jampie		Notes	
Filters	+ - +		_		145.9	×		
		V						
Hases								
	1 / - 18							
Cylinders & Bushings			Drive Tr	ain				
Cylinders & Bushings Steering Oil	Inspect /Ck	Replace	Drive Tr	rain   Wt.	Sample		Notes	
Cylinders & Bushings Steering Oil Transmission	Inspect /Ck	Replace			Sample		Notes	AFEE
Cylinders & Bushings Steering Oil  Transmission Filters		Replace			Sample		Notes	AWAD
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen	Inspect /Ck	Replace			Sample		Notes	A. (1)
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq		Replace			Sample		Notes	21(7)3(c) 23((1)2)
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries	N-A	Replace			Sample		Notes	
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries	N-A	Replace			Sample		Notes	
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries	N-A  J  J  J  J			Wt.			Notes	
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.	N-A  // // Inspect /Ck	-V	Qty General Ins	Wt.		Notes		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers	N-A  J  J  J  J		Qty General Ins	Wt.		Notes Haf E		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes Lat I		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes & at I		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines Horn	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes Haf En		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines Horn Tires	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes Paf En		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines Horn Tires Batteries & Cables	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes Lat I		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines Horn Tires Batteries & Cables Back Up Alarm	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes Lat In		
Cylinders & Bushings Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.  Glass & Wipers Controls Drivelines Horn Tires Batteries & Cables Back Up Alarm Lights	N-A  // // Inspect /Ck		Qty General Ins	Wt.		Notes & at Epocycle to		
Steering Oil  Transmission Filters Transm. Screen Torq Planitaries Diffs.	M-A  // // // // // // // // // // // // /		Qty General Ins	Wt.		Notes Laf Epough to		



AT1 AT2 AT3 AT4

Ay-18

Site Development General Contractor

## **Articulated Trucks / Machine Inspection**

Date:	4-3-18	Mechanic:	Brian	7	Mechanic H	lrs:	
250 Hour Service:	Ū		l Service:			SMR: 7896	
			Facina				TO THE RESERVE
	Inspect /Ck	Replace	Engine Qty	Wt.	Sample	Notes	
Engine Oil		1/	95	1540	1/		
Filters		V					
Air Filters		V					
Fuel							
Fuel Screen	NA						
Water Sep	1	1/					
Coolant	10/						
Belts				X			4
Hoses						90.	
					I manufacture and the second		
	l	Davidada	Hydrau		l Consula I	Notes	NC L
u Janeta O'l	Inspect /Ck	Replace	Qty	Wt.	Sample	Notes	
Hydraulic Oil				////////			
Filters					<i>X////////////////////////////////////</i>		
Hoses				<del>}</del>	<i></i>		
Cylinders & Bushings				X///////			
Steering Oil							4
E NOTE THE THE PARTY			Drive Tr	ain			1856
	Inspect /Ck	Replace	Qty	Wt.	Sample	Notes	4
Transmission							
Filters							
Transm. Screen	NA						
Torq	NA						
Planitaries	NA						
Diffs.	11/1				1/1		
	1		neral Insp	pection		Notes	
Class C Milasas	Inspect /Ck	Grease				Notes	
Glass & Wipers							
Controls							
Drivelines							
Horn	1V/						
Tires	1		2			War and the same of the same o	
Batteries & Cables	1					- 100 100	
Back Up Alarm	1						
Lights	1						
Seat Belt	-						
Articulation Joint  Ain Franke	IV						
AIN LATERO	1 ./						