

1501 NORTH HIGHWAY 59
MARSHALL, MN 56258



(866) 496-6695

Sold ACT LIMITED-CENTRAL DISPATCH - 67561
To 220 S JACKSON
MINNEOTA MN 56264

Ship ACT LIMITED/CENTRAL DISPATCH - 67561
To 220 S JACKSON ST
MINNEOTA MN 56264

SERVICE INVOICE RA305009679:02

ESTIMATE: ES305004578

UNIT NO:

VIN: 3HSCNAPR73N057887

YEAR/MAKE/MODEL: 2003 / INTERNATIONAL / 9400

ENGINE/MODEL/SN: CUMMINS / / 14035084

TRANS/MODEL/SN: / /

RXLS/MODEL/SN: / /

CONTACT #: (507) 872-6018

P.O. NO: BLUE IH

DATE CREATE: 1/4/22

DATE INVOICED: 2/24/22

DRIVER CONTACT:

DATE SCHEDULED: 1/5/2022 1:19:31PM

MILEAGE: 678,462

LICENSE:

ENG HRS: 0

R RATIO:

TAG #: SHOP

DEL MILE:

Sold Operations

JOB #1 100

ENGINE

COMPLAINT

CAUSE

CORRECTION

ESTIMATE TO REBUILD ENGINE - OVERHAUL , CAMSHAFTS, ROCKERS AND FUEL INJECTORS

TRUCK TOWED TO SHOP. REMOVED HOOD, BUMPER AND RADIATOR ASSEMBLY.

DRAINED OIL AND REMOVED OIL PAN. REMOVED TURBO ASSEMBLY AND MANIFOLD.

REMOVED FRONT COVER AND CAM GEARS, INSPECTED COMPONENTS.

REMOVED ROCKER SHAFTS AND CAMSHAFTS. BOTH CAMS DAMAGED. ROCKER FOLLOWERS ALL HAVE DAMAGED/PITTED ROLLER BEARINGS.

REMOVED CYLINDER HEAD.

REMOVED ROD CAPS AND PUSHED PISTONS OUT. PRESSED CYLINDER LINERS OUT.

REMOVED OIL COOLER.

INSPECTED BLOCK AND ROD JOURNALS. CHECK GOOD.

BLEW SOLVENT THREW OIL PASSAGES AFTER REMOVING OIL PUMP. CLEANED BLOCK AND JOURNALS.

ROLLED NEW MAIN BEARINGS INTO PLACE. TORQUED MAIN BEARING CAPS. 110 LBS AND 180DEG.

LUBED AND PRESSED IN NEW LINERS.

CHECKED CYLINDER PROTRUSION, ALL CYLINDERS AT .010".

REMOVED WRIST PINS AND OLD ROD BEARINGS FROM PISTON ASSEMBLIES.

INSTALLED UPDATED PISTONS AND WRIST PIN ONTO OLD RODS. CLEANED, OIL SOAKED AND INSTALLED PISTON RINGS IN CORRECT ORIENTATION AWAY FROM PIN ENDS.

INSTALLED AND LUBED NEW ROD BEARINGS. CORRECTLY MATCHED PISTONS IN CYLINDERS USING RING COMPRESSOR AND ROD GUIDE DOWELS. PRESSED PISTONS INTO CYLINDERS.

TIGHTENED EACH ROD 52LBS AND CHECK 52LBS AND 60DEG. CHECKED SIDE TO SIDE CLEARANCE. AT .011".

CHECKED ENDPLAY OF CRANKSHAFT. MEASURED .010".

INSTALLED UPDATED PISTON OIL COOLERS. TORQUED TO 48LBS

INSTALLED BLOCK SUPPORT PLATE. 50 LBS AND 60DEG.

INSTALLED OIL PUMP. 38LBS.

INSTALLED NEW ANTI CARBON RINGS. PUSH FIT.

INSTALLED HEAD GASKET. SWAPPED FITTINGS AND LIFT EYES FROM OLD CYLINDER HEAD TO NEW.

INSPECTED NEW HEAD BEFORE INSTALL. INSTALLED ONTO ENGINE USING NEW BOLTS TORQUED BOLTS IN



Sold Operations (Cont.)

SEQUENCE START TO FINISH, FIRST PASS, 150LBS SECOND PASS 300LBS THIRD PASS 90DEG.
 LUBED CAMS AND CAM BEARINGS. INSTALLED CAMS.
 REMOVED FRONT GEAR COVER CLEANED AND INSPECTED.
 REMOVED FRONT CRANK SEAL. POLISHED CRANK PULLEY.
 INSTALLED NEW GASKET AND INSTALLED FRONT GEAR HOUSING. TIGHTENED BOLTS 24LBS.
 INSTALLED IDLER GEAR. 52LBS AND 60DEG
 PINNED MOTOR AT TDC 1 KEYED CAMS 4/6 KEYS.
 SOLVENT CLEANED BOTH CAMS AND INSIDE OF GEARS. COATED INSIDE OF GEARS AND NOSE OF CAMS WITH GREEN LOCTITE.
 INSTALLED GEARS AND TENSIONER GEAR WITH SHIMS. TIGHTEN CAM GEARS AND ACHIEVED SHIM BACKLASH.TORQUED TENSIONER GEAR. 88LBS AND 60DEG.
 TORQUED CAM GEARS.INJECTOR 100LBS AND 90DEG, VALVE CAM 75LBS AND 120DEG.
 INSTALLED NEW GASKET AND INSTALLED FRONT GEAR HOUSING LOOSE.
 USING SEAL INSTALLER INSTALLED NEW SEAL. INSTALLED SEAL HOUSING/COVER. TORQUED FRONT COVER TO 25LBS.
 DISSASSEMBLED ALL 4 ROCKER SHAFTS. INSPECTED SHAFTS
 INSTALLED ALL NEW ROCKER ARMS AND INSTALLED INTO HEAD. TORQUED ALL ROCKER SHAFTS WITH VALVE ADJUSTERS LOOSE.
 INSTALLED NEW INJECTORS TORQUED TO 59LBS.
 TIGHTENED ROCKER SHAFTS 50LBS AND 30DEG.
 RAN OVERHEAD.
 INSTALLED VALVE COVER 19LBS
 INSTALLED OIL PAN 20LBS
 INSTALLED NEW WATER PUMP 40LBS
 INSTALLED FAN BRACKET. 75LBS
 INSTALLED NEW BELT TENSIONERS AND BELTS
 INSTALLED TRUCK AIR COMPRESSOR
 INSTALLED FAN INSTALLED NEW THERMOSTATS AND SEAL RINGS INTO HOUSING INSTALLED HOUSING 22LBS
 INSTALLED EXHAUST MANIFOLD AND TURBO 45LBS.
 INSTALLED FUEL SYSTEM MODULE/FILTER HEAD 24LBS
 INSTALLED WIRE HARNESS
 INSTALLED AIR INTAKE AND FILTER BOX
 FILLED NEW OIL FILTER AND OIL PAN. 52 QUARTS
 INSTALLED RADIATOR ASSEMBLY AND COOLANT HOSES FILLED WITH COOLANT
 INSTALLED HOOD
 KEYED TRUCK ON TO PRIME FUEL SYSTEM
 STARTED AND RAN TRUCK - TEST DROVE AND VERIFIED NO LEAKS.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		1,000.00
	LABOR 100-10	ENGINE		6,200.00
1	305C/2892304	COOLER OIL	315.90	315.90
2	305C/3084879	SEAL THERMOSTAT	24.60	49.20
22	305C/3678506	SCREW HEX FLANGE HEAD CAP	20.18	443.96
4	305C/3678804	SCREW HEX FLANGE HEAD CAP	17.17	68.68
6	305C/3687058	NOZZLE PISTON COOLING	22.10	132.60
1	305C/4026507	GASKET VALVE COVER	190.65	190.65
6	305C/4088327PX	INJECTOR HD/HPI	670.41	4,022.46
-6	305C/4088327PX-CORE	(4062567D) INJECTOR HD/HPI	312.50	-1,875.00

Sold Operations (Cont.)

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
6	305C/4088327PX-CORE	(4062567D) INJECTOR HD/HPI	312.50	1,875.00
1	305C/4101476	CAMSHAFT	1,658.93	1,658.93
1	305C/4298627	CAMSHAFT	1,435.20	1,435.20
6	305C/4311990	LEVER ROCKER	168.84	1,013.04
1	305C/4955590	KIT LOWER ENGINE GASKET	505.21	505.21
2	305C/4966084	SEAL O RING	5.66	11.32
3	305C/5484228	LEVER ROCKER	96.98	290.94
3	305C/5484229	LEVER ROCKER	96.98	290.94
3	305C/5484230	LEVER ROCKER	106.84	320.52
3	305C/5484231	LEVER ROCKER	103.15	309.45
1	305C/5599284RX	PUMP LUBRICATING OIL	667.61	667.61
-1	305C/5599284RX-CORE	(3685865D) PUMP LUBRICATING OI	156.25	-156.25
1	305C/5599284RX-CORE	(3685865D) PUMP LUBRICATING OI	156.25	156.25
1	305C/5658283PX	HEAD CYLINDER	4,256.56	4,256.56
-1	305C/5658283PX-CORE	(3412280D) HEAD CYLINDER	156.25	-156.25
1	305C/5658283PX-CORE	(3412280D) HEAD CYLINDER	156.25	156.25
1	305C/5693811	KIT OVERHAUL	3,430.60	3,430.60
55	305D/MBL 105816	OIL, M-DEL 1300 SUP 15W-40, CK	7.27	298.43
4	305D/OWI ALA003	ALLIANCE PRE CHARGED	14.62	58.48
8	305X/3M/8880	BRAKE CLEANER	3.94	31.52
	C	FEDEX Tracking #553775551580 - Overhaul Kit		

Prepay: \$0.00 Parts: \$19,802.20 Labor: \$7,200.00 Misc: \$0.00 Sublet: \$0.00 \$27,002.20

Sold Operations (Cont.)

JOB #2 0 MAINTENANCE

COMPLAINT ##MISC PARTS NOT INCLUDED ON ORIGINAL ESTIMATE##

CAUSE

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	305B/BF1274-SP	FWS Spin-on with Drain and Sen	48.21	48.21
1	305B/BW5086	Coolant Spin-on with BTA PLUS	61.67	61.67
4	305C/3163075	PAINT	23.68	94.72
1	305C/3348322	VALVE PRESSURE REGULATOR	119.21	119.21
1	305C/3348703	SEAL O RING	5.45	5.45
1	305C/3678610	PLUG THREADED	17.87	17.87
2	305C/3818824	NUT REGULAR HEXAGON	4.90	9.80
1	305C/3867640	SEAL O RING	5.64	5.64
1	305C/3911678	DOWEL RING	14.37	14.37
-1	305C/4026684	GASKET OIL PAN	261.27	-261.27
2	305C/4318947	THERMOSTAT	66.25	132.50
1	305C/4954473	GASKET FUEL PUMP	31.68	31.68
2	305D/23-09726-000	MOUNT BISCUIT	10.55	21.10
1	305D/BW 236577N	GASKET-GOVERNOR D-2	4.64	4.64
1	305P/9158	GASKET MAKER 50ml TUBE	18.60	18.60
1	305P/9163	RTV BLACK SI LICONE3 OZ	6.77	6.77
1	305X/ALI L0034-094	ASSY LUBE	21.13	21.13
2	FRT	FREIGHT	20.00	35.00

Prepay: \$0.00 Parts: \$352.09 Labor: \$0.00 Misc: \$35.00 Sublet: \$0.00 \$387.09

JOB #4 0 MAINTENANCE

COMPLAINT INSTALL BUMPER

CAUSE

CORRECTION INSTALLED NEW BUMBER. DOESN'T FIT AT ALL. BENT BOTH OUTSIDES OF BUMPER UP. INSTALLED CORNER BRACES. CHECK GOOD.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		222.00
1	305X/FAS 1170213	BOLTS	32.28	32.28

Prepay: \$0.00 Parts: \$32.28 Labor: \$222.00 Misc: \$0.00 Sublet: \$0.00 \$254.28

Sold Operations (Cont.)

JOB #5 0 MAINTENANCE

COMPLAINT DIAGNOSE AND REPORT NO START ##ELECTRIC FUEL PUMP WAS LEAKING##

CAUSE

CORRECTION ACTIVE FUEL CODE FAULTS FOR LOW FUEL PRESSURE. NOTICED LIFT PUMP LEAKING FUEL AND NOT ABLE TO SUPPLY FUEL TO MECHANICAL PUMP. REMOVED FUEL PRESSURE REGULATOR FOUND POSITION OF VALVE PARTIALLY STUCK OPEN. REPLACED FUEL REGULATOR AND INSTALLED NEW LIFT PUMP. TRUCK STARTED RIGHT UP. NO CODES OR FUEL LEAKS.CHECK GOOD.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		370.00
1	305C/5362255	PUMP FUEL TRANSFER	380.15	380.15
Prepay: \$0.00 Parts: \$380.15 Labor: \$370.00 Misc: \$0.00 Sublet: \$0.00				\$750.15

JOB #6 0 MAINTENANCE

COMPLAINT REPAIR BURNT OUT CHECK ENGINE LIGHT - ENGINE TEMP GUAGE NOT WORKING ALSO

CAUSE

CORRECTION REPLACE BULB IN LEFT SIDE DASH PANEL. REPAIRED TERMINAL FOR COOLANT SENDING UNIT. CHECK GOOD.

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
	LABOR 0-10	MAINTENANCE		118.40
Prepay: \$0.00 Parts: \$0.00 Labor: \$118.40 Misc: \$0.00 Sublet: \$0.00				\$118.40

JOB #7 0 MAINTENANCE

COMPLAINT REPLACED BELT IDLER/TENSIONER WHILE MAKING REPAIRS

CAUSE ##NO ADDITIONAL LABOR##

CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	305C/4026886	PULLEY IDLER	126.34	126.34
1	305C/4059201	TENSIONER BELT	318.56	318.56
1	305C/4059202	TENSIONER BELT	291.23	291.23
1	305C/5413198	BELT V RIBBED	62.50	62.50
Prepay: \$0.00 Parts: \$798.63 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$798.63

Sold Operations (Cont.)

JOB #8 100 ENGINE

COMPLAINT REPLACED WATER PUMP ON INSPECTION DURING DISSASMBLY - HAD INTERNAL DAMAGE TO IMPELLER
##NO ADDITIONAL LABOR##

CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
1	305C/5473366RX	KIT WATER PUMP	421.53	421.53
-1	305C/5473366RX-CORE	(3800495D) KIT WATER PUMP	117.19	-117.19
1	305C/5473366RX-CORE	(3800495D) KIT WATER PUMP	117.19	117.19
Prepay: \$0.00 Parts: \$421.53 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$421.53

JOB #9 100 ENGINE

COMPLAINT REPLACED CONNECTION RODS - UPDATED RODS/BEARINGS
##NO ADDITIONAL LABOR##

CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
6	305C/4059429RX	ROD ENGINE CONNECTING	381.25	2,287.50
-6	305C/4059429RX-CORE	(4059429D) ROD ENGINE CONNECTI	39.06	-234.36
6	305C/4059429RX-CORE	(4059429D) ROD ENGINE CONNECTI	39.06	234.36
Prepay: \$0.00 Parts: \$2,287.50 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$2,287.50

JOB #10 100 ENGINE

COMPLAINT REPLACED ENGINE BRAKE ROCKERS ON INSPECTION
##NOT ON ORIGINAL ESTIMATE##

CAUSE
CORRECTION

QTY	ITEM	DESCRIPTION	UNIT PRICE	EXTD PRICE
6	305C/4393087	LEVER ENGINE BRAKE	498.75	2,992.50
Prepay: \$0.00 Parts: \$2,992.50 Labor: \$0.00 Misc: \$0.00 Sublet: \$0.00				\$2,992.50

Sold Operations Totals Prepay: \$0.00 Parts: \$27,066.88 Labor: \$7,910.40 Misc: \$35.00 Sublet: \$0.00 **\$35,012.28**



SERVICE INVOICE: RA305009679:02

ESTIMATE: ES305004578

INVOICE

By executing below, you hereby agree that any dispute in any way related to the services rendered (except for any dispute regarding your failure to pay for services rendered or the creation, perfection or foreclosure of any lien or security interest) shall be submitted to final and binding arbitration under the commercial arbitration rules of the American Arbitration Association. Nebraska law shall govern the arbitration proceeding and the arbitration trial shall occur in Omaha, Nebraska. TCC MAKES NO REPRESENTATION WARRANTY OF ANY KIND WHATSOEVER, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION REPRESENTATIONS OR WARRANTIES WITH RESPECT TO MERCHANTABILITY, NONINFRINGEMENT OF THIRD-PARTY RIGHTS, AND FITNESS OR SUITABILITY FOR ANY PURPOSE OR USE. FURTHER, YOU AGREE THAT TCC SHALL NOT BE LIABLE TO YOU OR ANY PARTY FOR ANY SPECIAL, INCIDENTAL, INDIRECT, PUNITIVE, EXEMPLARY OR CONSEQUENTIAL DAMAGES OF ANY KIND, ARISING OUT OF, RELATING TO OR IN CONNECTION WITH THE SERVICES RENDERED, EVEN IF TCC HAS BEEN ADVISED, KNOWS OR SHOULD HAVE KNOWN OF THE POSSIBILITY OF SUCH DAMAGES.

AUTHORIZED BY _____

DATE _____

REMIT TO: PO Box 27379 Omaha, NE 68127 866-751-1189

CHECK

	ESTIMATED	BILLED
LABOR		\$7,910.40
PARTS		\$27,066.88
MISC		\$35.00
SUBLET		\$0.00
PREPAY		\$0.00
SUBTOTAL		\$35,012.28
SHOP SUPPLIES		\$300.00
MISC SUPPLIES		\$0.00
TAX		\$2,020.89
TOTAL		\$37,333.17

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