

# Construction Machinery

## Industrial

2615 20th Ave  
Fairbanks, AK 99709  
(907) 931-8808



## Estimate

Number

1537494

Est. Date

08/07/2025

Est. Created By

Dan Kimmel

Location

FBX

Customer PO

Bill To		Machine
CITY OF DELTA JUNCTION [440074] P O BOX 229 DELTA JUNCTION, AK 99737		Stock #: RT1554 Make/Model: VOLVO L220F S/N: L220FT00008248 Sold on 2/28/2011 Description: VOLVO L220F LOADER Total hours as of 08/07/2025: 38077.00
Notes		
REV/CITY of DELTA RT1554 - HYD OIL OVERFILLING TRANSMISSION LOCATION: CMI SHOP		
Jobs		
<b>Customer Approval</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>SERVICE MANUAL REQUIRED AND JOB HAZARD ANALYSIS FORM (JHA)</b> <b>Complaint</b> Technicians assigned to this work order must have a copy of the Service Manual Associated with the make and model of the equipment to be worked on, Prior to commencing any work the technician will have read and understood safety concerns and recommended procedures by manufacturer for the tasks associated with the work to be performed. Is a Job Hazard Analysis Form (JHA) required for the tasks on this WO?  YES or NO <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b>  Parts: \$ 0.00 Labor: \$ 0.00 Subtotal: \$ 0.00
<b>Customer Approval</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>01 - WASH MACHINE</b> <b>Complaint</b> CUSTOMER STATES HYD FLUID IS OVERFILLING THE TRANSMISSION & FILLING THE ENGINE <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b>  Parts: \$ 0.00 Labor: \$ 975.00 Subtotal: \$ 975.00
<b>Customer Approval</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>02 - DRAIN FLUIDS</b> <b>Complaint</b> 02 - CHANGE FILTERS, DRAIN & REFILL FLUIDS  - ENGINE OIL - TRANSMISSION OIL - HYDRAULIC OIL <b>Cause</b> No cause has been found for this job. <b>Parts</b>	<b>Estimated Cost</b>  Parts: \$ 3,585.51 Labor: \$ 585.00 Subtotal: \$ 4,170.51

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Part No.	Description	Qty	List	Ext
17533661	OIL FILTER	2.00	32.14	64.28
Oil & Grease	HYD. OIL 70 GAL	1.00	2,284.80	2,284.80
11172907	AIR FILTER	1.00	42.59	42.59
11038369	GASKET	1.00	19.36	19.36
17418113	FILTER CARTRIDGE	1.00	144.31	144.31
21707132	OIL FILTER	1.00	32.14	32.14
Oil & Grease	AT102 15 GAL	1.00	559.20	559.20
Oil & Grease	15-40 12 GAL	1.00	268.68	268.68
11707077	FILTER INSERT	1.00	33.69	33.69
17438620	FILTER ELEMENT	1.00	136.46	136.46

Customer Approval

☐ Yes ☐ No

### 03 - REMOVE AND INSTALL CAB

#### Complaint

03 - REMOVE AND INSTALL CAB

#### Cause

No cause has been found for this job.

### Estimated Cost

Parts: \$ 0.00

Labor: \$ 2,340.00

Subtotal: \$ 2,340.00

Customer Approval

☐ Yes ☐ No

### 04 - REMOVE AND INSTALL HYDRAULIC TANK

#### Complaint

04 - REMOVE AND INSTALL HYDRAULIC TANK

#### Cause

No cause has been found for this job.

### Estimated Cost

Parts: \$ 0.00

Labor: \$ 1,170.00

Subtotal: \$ 1,170.00

Customer Approval

☐ Yes ☐ No

### 05 - REMOVE AND INTALL TRANSMISSION

#### Complaint

05 - REMOVE AND INTALL TRANSMISSION

- REMOVE & INSTALL HYDRAULIC PUMPS
- REMOVE & INSTALL DRIVESHAFTS
- REMOVE & INSTALL HYDRAULIC AND TRANSMISSION LINES

#### Cause

No cause has been found for this job.

#### Parts

Part No.	Description	Qty	List	Ext
8015043457	HYDRAULIC PUMP	1.00	2,958.80	2,958.80
914515	RETAINING RING	2.00	1.94	3.88
9015043457	HYDRAULIC PUMP	1.00	6,488.06	6,488.06
925096	O-RING	2.00	4.69	9.38
930844	PLAIN WASHER	12.00	1.86	22.32
9015068648	HYDRAULIC PUMP	1.00	6,488.06	6,488.06

### Estimated Cost

Parts: \$ 26,184.91

Labor: \$ 3,900.00

Subtotal: \$ 30,084.91

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Part No.	Description	Qty	List	Ext
8015068648	HYDRAULIC PUMP	1.00	3,062.36	3,062.36
975121	FLANGE SCREW	12.00	5.70	68.40
60110070	LOCK NUT	12.00	4.94	59.28
15131481	COUPLING KIT	1.00	751.31	751.31
9015068597	HYDRAULIC PUMP	1.00	4,226.77	4,226.77
8015068597	HYDRAULIC PUMP	1.00	2,046.29	2,046.29

  

<b>Customer Approval</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>06 - CHANGE ENGINE REAR MAIN SEAL</b> <b>Complaint</b> 06 - CHANGE ENGINE REAR MAIN SEAL  - REMOVE AND INSTALL FLYWHEEL - REMOVE, INSPECT CRANKSHAFT, AND INSTALL REAR MAIN SEAL <b>Cause</b> No cause has been found for this job. <b>Parts</b>	<b>Estimated Cost</b> Parts: \$ 623.60 Labor: \$ 390.00 Subtotal: \$ 1,013.60																														
	<table border="1"> <thead> <tr> <th>Part No.</th> <th>Description</th> <th>Qty</th> <th>List</th> <th>Ext</th> </tr> </thead> <tbody> <tr> <td>17460059</td> <td>SLEEVE ** SUPERSEDES 1543896**</td> <td>1.00</td> <td>166.03</td> <td>166.03</td> </tr> <tr> <td>1543563</td> <td>WASHER</td> <td>14.00</td> <td>21.44</td> <td>300.16</td> </tr> <tr> <td>15004855</td> <td>OIL DEFLECTOR RING</td> <td>1.00</td> <td>65.07</td> <td>65.07</td> </tr> <tr> <td>1677893</td> <td>SCREW</td> <td>14.00</td> <td>6.50</td> <td>91.00</td> </tr> <tr> <td>1556907</td> <td>GASKET</td> <td>1.00</td> <td>1.34</td> <td>1.34</td> </tr> </tbody> </table>	Part No.	Description	Qty	List	Ext	17460059	SLEEVE ** SUPERSEDES 1543896**	1.00	166.03	166.03	1543563	WASHER	14.00	21.44	300.16	15004855	OIL DEFLECTOR RING	1.00	65.07	65.07	1677893	SCREW	14.00	6.50	91.00	1556907	GASKET	1.00	1.34	1.34	
	Part No.	Description	Qty	List	Ext																											
	17460059	SLEEVE ** SUPERSEDES 1543896**	1.00	166.03	166.03																											
1543563	WASHER	14.00	21.44	300.16																												
15004855	OIL DEFLECTOR RING	1.00	65.07	65.07																												
1677893	SCREW	14.00	6.50	91.00																												
1556907	GASKET	1.00	1.34	1.34																												
<b>Customer Approval</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>07 - CHANGE MISC. HOSES FOUND DURING THE JOB</b> <b>Complaint</b> 07 - CHANGE MISC. HOSES FOUND DURING THE JOB  HOSES AND SEALS ARE NOT INCLUDED AS WE DO NOT KNOW WHICH PARTS WILL NEED TO BE CHANGED AT THIS TIME <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b> Parts: \$ 0.00 Labor: \$ 975.00 Subtotal: \$ 975.00																														
<b>Fees</b>		<b>Estimated Cost</b> Shop Fee: \$ 400.00 Environmental \$ 300.00 Fee: Subtotal: \$ 700.00																														
<b>Total: \$ 41,429.02</b>																																

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\*\* Quoted prices are valid for 30 days, but are subject to change due to ongoing uncertainties about the impact of tariffs. Fluctuations in costs beyond our control may require adjustments. We are committed to providing transparent communication and competitive pricing. \*\* This is a preliminary estimate. Additional charges to the estimate may be required for the actual repair. Customer is responsible for payment in full to Construction Machinery Industrial, LLC regardless of insurance coverage or reimbursement. TERMS: NET CASH or ACCOUNT. \*\*2.5% surcharge on all VISA and MASTERCARD payments\*\* Terms: Net 30 days; except for equipment invoices, which are due upon receipt. Returns: Authorized within 30 days of invoice date, with a minimum of 15% restocking charge plus return freight. Non-Returnable items include; hoses, gaskets, seals, electrical, & opened kits. Service charge of 1% per month assessed on all past due accounts.

Authorized Signer: \_\_\_\_\_

Date: \_\_\_\_\_

# Construction Machinery Industrial

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Bill To	Machine
CITY OF DELTA JUNCTION [440074] P O BOX 229 DELTA JUNCTION, AK 99737	Stock #: RT1554 Make/Model: VOLVO L220F S/N: L220FT00008248 Sold on 2/28/2011 Description: VOLVO L220F LOADER Total hours as of 08/19/2025: 38077.00

### Notes

REV/CITY of DELTA RT1554 - HYD OIL OVERFILLING TRANSMISSION  
LOCATION: CMI SHOP

### Jobs

<b>Customer Approval</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>SERVICE MANUAL REQUIRED AND JOB HAZARD ANALYSIS FORM (JHA)</b> <b>Complaint</b> Technicians assigned to this work order must have a copy of the Service Manual Associated with the make and model of the equipment to be worked on. Prior to commencing any work the technician will have read and understood safety concerns and recommended procedures by manufacturer for the tasks associated with the work to be performed. Is a Job Hazard Analysis Form (JHA) required for the tasks on this WO?  YES or NO <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b> Parts: \$ 0.00 Labor: \$ 0.00 Subtotal: \$ 0.00
<b>Customer Approval</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>01 - WASH MACHINE</b> <b>Complaint</b> CUSTOMER STATES HYD FLUID IS OVERFILLING THE TRANSMISSION & FILLING THE ENGINE <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b> Parts: \$ 0.00 Labor: \$ 975.00 Subtotal: \$ 975.00
<b>Customer Approval</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>02 - TROUBLESHOOT ENGINE OIL OVER FULL</b> <b>Complaint</b> 08 - TROUBLESHOOT ENGINE OVER FILL <b>Cause</b> No cause has been found for this job.	<b>Estimated Cost</b> Parts: \$ 0.00 Labor: \$ 780.00 Subtotal: \$ 780.00
<b>Customer Approval</b>	<b>03 - DRAIN FLUIDS</b> <b>Complaint</b>	<b>Estimated Cost</b> Parts: \$ 3,585.51



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☐ Yes ☐ No

### 02 - CHANGE FILTERS, DRAIN & REFILL FLUIDS

- ENGINE OIL
- TRANSMISSION OIL
- HYDRAULIC OIL

#### Cause

No cause has been found for this job.

#### Parts

Part No.	Description	Qty	List	Ext
11038369	GASKET	1.00	19.36	19.36
11172907	AIR FILTER	1.00	42.59	42.59
11707077	FILTER INSERT	1.00	33.69	33.69
17418113	FILTER CARTRIDGE	1.00	144.31	144.31
17438620	FILTER ELEMENT	1.00	136.46	136.46
21707132	OIL FILTER	1.00	32.14	32.14
Oil & Grease	AT102 15 GAL	1.00	559.20	559.20
Oil & Grease	15-40 12 GAL	1.00	268.68	268.68
Oil & Grease	HYD. OIL 70 GAL	1.00	2,284.80	2,284.80
17533661	OIL FILTER	2.00	32.14	64.28

Labor: \$ 585.00

Subtotal: \$ 4,170.51

### Customer Approval

☐ Yes ☐ No

### 04 - REMOVE AND INSTALL CAB

#### Complaint

03 - REMOVE AND INSTALL CAB

#### Cause

No cause has been found for this job.

### Estimated Cost

Parts: \$ 0.00

Labor: \$ 2,340.00

Subtotal: \$ 2,340.00

### Customer Approval

☐ Yes ☐ No

### 05 - REMOVE AND INSTALL HYDRAULIC TANK

#### Complaint

04 - REMOVE AND INSTALL HYDRAULIC TANK

#### Cause

No cause has been found for this job.

### Estimated Cost

Parts: \$ 0.00

Labor: \$ 1,170.00

Subtotal: \$ 1,170.00

### Customer Approval

☐ Yes ☐ No

### 06 - REMOVE AND INTALL TRANSMISSION

#### Complaint

05 - REMOVE AND INTALL TRANSMISSION

- REMOVE & INSTALL HYDRAULIC PUMPS
- REMOVE & INSTALL DRIVESHAFTS
- REMOVE & INSTALL HYDRAULIC AND TRANSMISSION LINES

#### Cause

No cause has been found for this job.

### Estimated Cost

Parts: \$ 0.00

Labor: \$ 3,900.00

Subtotal: \$ 3,900.00

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### Customer Approval

☐ Yes ☐ No

### 07 - CHANGE ENGINE REAR MAIN SEAL

#### Complaint

06 - CHANGE ENGINE REAR MAIN SEAL

- REMOVE AND INSTALL FLYWHEEL
- REMOVE, INSPECT CRANKSHAFT, AND INSTALL REAR MAIN SEAL

#### Cause

No cause has been found for this job.

#### Parts

Part No.	Description	Qty	List	Ext
1556907	GASKET	1.00	1.34	1.34
1677893	SCREW	14.00	6.50	91.00
17460059	SLEEVE ** SUPERSEDES 1543896**	1.00	166.03	166.03
15004855	OIL DEFLECTOR RING	1.00	65.07	65.07
1543563	WASHER	14.00	21.44	300.16

### Estimated Cost

Parts: \$ 623.60

Labor: \$ 390.00

Subtotal: \$ 1,013.60

### Customer Approval

☐ Yes ☐ No

### 08 - CHANGE CUSTOMER APPROVED PUMPS, HOSES, AND OTHER PARTS FOUND FAULTY DURING THE TEAR DOWN.

#### Complaint

07 - HOSES, PUMPS, SEALS, AND OTHER PARTS TO BE APPROVED BY THE CUSTOMER BEFORE REPAIRS CAN BE MADE AFTER DISASSEMBLY

- THIS SEGMENT SHOWS THE RECOMMEND PARTS TO BE CHANGED DURING THIS REPAIR, THE LABOR HOURS WILL VARY DEPENDING ON WHICH PARTS THE CUSTOMER DECIDES TO CHANGE.

#### Cause

No cause has been found for this job.

#### Parts

Part No.	Description	Qty	List	Ext
15131481	COUPLING KIT	1.00	751.31	751.31
17458350	PISTON SEAL **SS PN:#17272888**	1.00	244.85	244.85
17458353	PISTON SEAL ** SS:PN#17279240**	1.00	244.85	244.85
60110070	LOCK NUT	12.00	4.94	59.28
8015043457	HYDRAULIC PUMP	1.00	3,282.38	3,282.38
8015068597	HYDRAULIC PUMP	1.00	2,138.37	2,138.37
8015068648	HYDRAULIC PUMP	1.00	3,282.38	3,282.38
9015043457	HYDRAULIC PUMP **Available in Byhalia**	1.00	6,488.06	6,488.06
9015068597	HYDRAULIC PUMP	1.00	4,226.77	4,226.77
9015068648	HYDRAULIC PUMP **Available in Reno**	1.00	6,488.06	6,488.06
914515	RETAINING RING **Available in Reno**	2.00	1.94	3.88
925096	O-RING **CMI ANC**	2.00	4.69	9.38

### Estimated Cost

Parts: \$ 27,386.18

Labor: \$ 975.00

Subtotal: \$ 28,361.18

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Part No.	Description	Qty	List	Ext
926254	O-RING	2.00	28.53	57.06
930844	PLAIN WASHER	12.00	1.86	22.32
968207	O-RING **CMI ANC**	1.00	18.83	18.83
975121	FLANGE SCREW	12.00	5.70	68.40
NOTE	NEXT DAY AIR - \$963.30 LTL - \$210.72 STOCK ORDER	1.00	0.00	0.00
<b>Fees</b>				
<b>Estimated Cost</b>				
Shop Fee: \$ 400.00				
Environmental \$ 300.00				
Fee:				
Subtotal: \$ 700.00				
<b>Total: \$ 43,410.29</b>				

\*\* Quoted prices are valid for 30 days, but are subject to change due to ongoing uncertainties about the impact of tariffs. Fluctuations in costs beyond our control may require adjustments. We are committed to providing transparent communication and competitive pricing. \*\* This is a preliminary estimate. Additional charges to the estimate may be required for the actual repair. Customer is responsible for payment in full to Construction Machinery Industrial, LLC regardless of insurance coverage or reimbursement. TERMS: NET CASH or ACCOUNT. \*\*2.5% surcharge on all VISA and MASTERCARD payments\*\* Terms: Net 30 days; except for equipment invoices, which are due upon receipt. Returns: Authorized within 30 days of invoice date, with a minimum of 15% restocking charge plus return freight. Non-Returnable items include; hoses, gaskets, seals, electrical, & opened kits. Service charge of 1% per month assessed on all past due accounts.

Authorized Signer: \_\_\_\_\_ Date: \_\_\_\_\_



**Deltas East Side Auto LLC**

2250 Mil Tan Road

Delta Junction, AK 99737

Phone: 907-750-2303 Fax: -

ESTIMATE #

004655

**Estimate for Services**

Estimate Date : 8/19/2025

City Of Delta Junction - Delta Junction City Of

0 -

Lic # : -

Odom. In: 0

VIN # :

Part Description / Number	Qty	Sale	Ext	Labor Description	Extended
CHV RANDO HDZ ISO 32 1/55 273260981	1.00	2,313.05	2,313.05	Volvo Loader Repair	10,000.00
Volvo Hydraulic Oil 54025104	3.00	198.58	595.74	Shipping- Shipping States To Dealer	977.45
Air Filter 11172907	1.00	59.65	59.65		
Gasket 11038369	1.00	27.11	27.11		
Filter Cartridge 17418113	1.00	202.11	202.11		
Oil Filter 21707132	1.00	45.01	45.01		
Transmission Oil 54022268	3.00	234.99	704.97		
Volvo Engine Oil 54022803	3.00	172.93	518.79		
Filter Insert 11707077	1.00	47.18	47.18		
Filter Element 17438620	1.00	191.11	191.11		
Retaining Ring 914515	2.00	2.72	5.44		
Hydraulic Pump 9015043457	1.00	13,683.50	13,683.50		
ORing 925096	2.00	6.57	13.14		
Plain Washer 930844	12.00	2.60	31.20		
Hydraulic Pump 90150686498	1.00	13,683.50	13,683.50		
Lock Nut 60110070	12.00	6.92	83.04		
Coupling Kit 15131481	1.00	1,052.21	1,052.21		
Hydraulic Pump 9015068597	1.00	8,914.38	8,914.38		
Sleeve 17460059	1.00	232.53	232.53		
Washer 1543563	14.00	30.03	420.42		
Oil Deflector Ring 15004855	1.00	91.13	91.13		