

**INVOICE 51369**

DATE 08/30/2024 TERMS Net 30

DUE DATE 09/29/2024

HOURS/ MILEAGE  
176,983YEAR, MAKE & MODEL  
MACK WATER TRUCK

ACTIVITY	QTY	RATE	AMOUNT
Parts and Materials Sales TEMP SENDER GAUGE	1		17.78T
Parts and Materials Sales U JOINT	2		167.88T
Parts and Materials Sales MOBIL DELVAC1 ATF	4		181.74T
Parts and Materials Sales AIR FILTER	1		101.15T
Parts and Materials Sales FUEL FILTER	1		20.58T
Parts and Materials Sales VALVE STEM	1		67.28T
Parts and Materials Sales INDICATOR OIL	1		121.08T
Parts and Materials Sales SWITCH AIR NICKEL PLATED TOGGLE	1		54.47T
Parts and Materials Sales TRANSYND 668 GAL	2		100.85T
Parts and Materials Sales FUEL FILTERS	2		42.80T
Parts and Materials Sales COOLANT FILTER	1		22.28T
Parts and Materials Sales FILTERS	2		45.50T

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ACTIVITY	QTY	RATE	AMOUNT
Parts and Materials Sales BATTERY	1		129.99T
Parts and Materials Sales PLUG AKA HALLIBURTON PLUG	1		31.85T
Parts and Materials Sales TRANSMISSION	1	4	4,950.13T
Parts and Materials Sales WASHERS	7		1.17T
Brake Cleaner Brake Cleaner	2		9.00T
Parts and Materials Sales ZIP TIES	30		4.68T
Parts and Materials Sales ELECTRICAL PLUG	1		1.91T
Parts and Materials Sales ELECTRICAL SPADE	5		5.92T
Parts and Materials Sales MARKER LIGHT	2		230.00T
Parts and Materials Sales BOLTS	3		1.45T
Parts and Materials Sales COUPLER	1		1.83T
Parts and Materials Sales ADAPTER	2		12.84T
B2-JCFX-0810 CRIMP FITTING, FJIC STRAIGHT	2		37.91T
Parts and Materials Sales ADAPTER	1		6.48T
Parts and Materials Sales NUT	1		0.17T
Parts and Materials Sales IGNITION SWITCH	1		52.29T
380003A National 380003A Gold 38 Series Wheel Seal for 38,000 lb -48,000 lb Drive Axles	1		53.79T
SET401 CUP CONE SET	1		87.10T
SET404TRB BEARING SET	1		160.77T
RXHV884515QG GRIPPER-C6 6867	1		72.16T
15W40 Oil	9		304.11T
Parts and Materials Sales WIRE 12 GAUGE	1		24.00T

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ACTIVITY	QTY	RATE	AMOUNT
			Subtotal: 7,122.94
<b>Freight</b> Freight Charge	1		487.31T
<b>Hazardous Waste and Material Disposal Fee</b> Fee for disposal of hazardous waste and/or materials.	1		20.00
			Subtotal: 507.31

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ACTIVITY	QTY	RATE	AMOUNT
<p><b>Labor</b></p> <p>Pulled truck into shop and found transmission was bad removed transmission and torque converter. Cleaned and swapped all necessary parts from old trans to new. Stabbed trans-installed bell housing and torque converter bolts. Installed trans cooler lines, all electrics, shift linkage, safety switch, and rear cross member. Replaced trans temp sensor. Installed dipstick. Tapped hole on top of trans ear and installed shift linkage bracket. Replaced u-joints on trans driveline, and installed driveline.</p> <p>Diag on truck ignition was not operating. checked power ground at switch all was good found key and would not work Replaced ignition. Attempted start. Needs battery. Installed battery's and truck fired right up.</p> <p>checked transmission fluid after running truck was full. drained oil and replaced oil filter and motor oil removed fuel filters and replaced fuel filters. then air filter ran truck and topped all fluids off.</p> <p>Daig on wheel seal leaking on rear rear drive passenger side . upon removal of wheel seal we found bearings and races bad ordered new bearings and races. Drove both bearing races in the passenger rear drive hub. Then oiled both bearings. Installed wheel seal and put brakes on. Then put hub on and tightened first hub nut to 200 ft lbs. and backed it off one full turn then re-torqued to 50 ft lbs. Then put both lock washers on them. Torqued final nut to 300 ft lbs. Also prefilled hub with 80w90.</p> <p>Front drive axle on driver side was seized up, so backed the brakes off and adjusted back to get unseized. Inside tire was flat so got tire off truck and aired up to 60 lbs. and soaped tire down and found the rubber on valve stem was bad. Replaced valve stem and no more leaks. Torqued both front drive and rear drive to 225 ft lbs.</p> <p>perform dot during dot inspection found both turn signal lights out on the hood installed new turn lights on hood found marker light bulb out on cab. removed lenses and cleaned the terminals and the light started working. Also found the line coming from the air compressor to the dryer was leaking removed line and built line and installed. Also found city horn bad and found wiring bad re-ran wiring and installed used horn and everything worked good. Also found pass side mirror was gone installed used mirror . Also found wheel seal leaking repaired wheel seal. Also found engine oil dip stick broken off got intouch with mack and got new dip stick and installed new dip stick.</p>	62.25		8,403.75
			Subtotal: 8,403.75
<p><b>Shop Supplies</b> 6% of Total Labor</p>	8,403.75	0.06	504.23

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SUBTOTAL	16,538.23
TAX	504.56
TOTAL	17,042.79

<b>TOTAL DUE</b>	<b>\$17,042.79</b>
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