



Shop Order-00-10-15: Unclassified

New Minas Volunteer Fire Department
 Chief James Redmond
 6 Jones Road
 New Minas, NS B4N 3N1
 902-681-6661



Exp. Date: 11/07/2014
 Quote No: JNENS-0001

BODY: 00-10-15 Metalfab Pumper - ULC 05/13

02/17/2017

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PART NO	S	STN CODE	DESCRIPTION	QTY	ID
			== Metalfab Pumper - ULC 05/13 - 0.000 ==	1	MTL
			METALFAB QUOTEWITER VERSION MAY 2013	1	MTL
00-10-1500			Metalfab Pumper E	1	MTL
00-20-1000			Company Profile E	1	MTL
00-20-1500			Standard Body Warranty	1	MTL
00-20-1550			Metalfab Limited Ten (10) Year Paint and Corrosion Warranty	1	MTL
00-20-1600			Waterous Pump Warranty - 5 years	1	MTL
00-20-1800			Ultra Tank Lifetime Warranty	1	MTL
00-20-2000			Plant Visits - unlimited at customer expense	1	MTL
00-20-3000			No Bonding Required	1	MTL
00-20-3500			Certification for Fusion Welding of Aluminum	1	MTL
00-20-4000			Quality System registered to ISO 9001:2008	1	MTL
00-20-4500			Fire Apparatus Manufacturers' Association Membership	1	MTL
			GENERAL INFORMATION	1	MTL
10-11-0000			Intent E	1	MTL
10-11-0105			Vehicle Data Recorder not requested	1	MTL
10-11-1100			ELC S515-04 Compliance	1	MTL
10-11-1500	>		ULC Testing - Pumper	1	MTL
10-11-2100			Maximum length not specified E	1	MTL
10-11-2200			Maximum height not specified E	1	MTL
10-11-2400			Overall length is 30' or more	1	MTL
10-11-2500			General Construction	1	MTL
10-11-3000			Manuals - two copies	1	MTL
10-11-3600	S	>	Delivery - FOB Fire Department	1	MTL
10-11-4000			Payment Terms - Chassis Net 10 days, Balance COD	1	MTL
10-20-1000			Hose bed capacity - standard ULC Pumper	1	MTL
10-20-2000			Equipment carrying capacity - standard ULC Pumper	1	MTL
			CHASSIS INFORMATION	1	MTL
20-11-1000	S		Chassis supplied by Metalfab	1	MTL
20-11-1500			2013 Emission chassis modifications	1	MTL
20-11-1600			Chassis Motor Vehicle Inspection not required	1	MTL
20-21-0500			Fluid capacity plate	1	MTL
20-21-0600			Pumping test plate	1	MTL
20-21-1020			Maximum riders sign - 4 persons	1	MTL
20-21-1510			Seat belt warning labels - 4 door chassis	1	MTL
20-21-1540			Tire Pressure Indicators - Tandem Axle	1	MTL
20-21-1600			Apparatus Information Label	1	MTL
20-21-2000			Non removable key	1	MTL
20-21-2500			Shifter lock not required E	1	MTL
20-21-3500			Rear step warning label	1	MTL
20-21-3810			Front mudflaps provided with chassis	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
20-21-4000			Rear mudflaps - Metalfab Logo	1	MTL
20-31-0100			Fuel tank or step covers not required	1	MTL
20-31-0200			Fuel fill label -Ultra Low Sulfur Diesel only	1	MTL
20-31-1900			Chassis cab not painted	1	MTL
20-41-0600			Intake air shutoff for engine not required	1	MTL
20-41-0900			Auxiliary braking system disabled when pumping	1	MTL
20-41-1100			Transmission programming - Allison WT	1	MTL
20-41-1500			Extend exhaust pipe - RS front of rear wheels	1	MTL
			E		
20-41-1900			Battery boost terminals with chassis	1	MTL
20-41-2000			Chassis batteries remain in OEM location	1	MTL
20-41-2550			Fuel fill at LS rear fender well	1	MTL
20-41-2600			Chassis fuel tank remains in OEM location	1	MTL
20-41-5000			Rear Tow Hooks - under body	1	MTL
20-51-0700			Master Battery Disconnect included with chassis	1	MTL
20-51-2500			Back up alarm included with chassis	1	MTL
20-51-3100			Air inlet not required	1	MTL
20-51-3400			Protection valve installed for air operated accessories	1	MTL
20-51-6100		>	120 volt 15 A shore line connection in chassis cab	3	MTL
20-51-6501	S		Kussmaul Battery conditioner and compressor included with chassis	1	MTL
			E		
20-51-7102			Electric System Manager included with chassis	1	MTL
20-51-9001			Air horns not requested	1	MTL
20-52-3500		>	Chassis steering wheel lined up by Metalfab	1	MTL
			E		
20-60-0400			Chassis wheelbase does not change	1	MTL
			PUMP AND PLUMBING	1	MTL
30-12-4000			Mechanical seals for Waterous pumps	1	MTL
30-12-6000	X	<	Waterous CSU single stage 1750 IGPM	1	
			2250 USGPM pump tested to 1750 IGPM with 2 suction lines		
30-12-6500			Waterous CSU single stage 1500 IGPM	1	MTL
30-15-0203			Plumbing - Waterous manifold pump SM	1	MTL
			E		
30-20-0500			Valves and controls - side mount panel	1	MTL
30-20-1001			Valve brand not specified	1	MTL
30-20-1500			Piping galvanized steel - general	1	MTL
30-20-1700			1-1/2" thread specifications SPECIFY	1	MTL
30-20-1800			2-1/2" thread specifications SPECIFY	1	MTL
30-20-2000			Piping hydrostatic test	1	MTL
30-20-2505			Anodes in suction and discharge piping not requested	1	MTL
30-21-0100	S		Tank to pump 30-21-85AA	1	MTL
30-21-85AA	X		Electric Tank to Pump 4" butterfly valve, check valve, dual controllers	1	
30-22-1500			Tank Fill valve 2-1/2"	1	MTL
30-31-4010			Suction - 6" not gated each side manifold pump	1	MTL
30-32-7505			Suction - 2-1/2" left side, bleeder, Waterous manifold pump	1	MTL
30-32-8005			Suction - 2-1/2" right side, bleeder, Waterous manifold pump	1	MTL
30-40-3005			4" right discharge, plumbed 4", handwheel, Waterous manifold pump	1	MTL
30-41-2005			2-1/2" RS discharge, bleeder, Waterous manifold pump	2	MTL
30-41-2505			2-1/2" LS discharge, bleeder, Waterous manifold pump	2	MTL
30-43-1500			2-1/2" rear discharge, plumbed 2-1/2", bleeder	2	MTL
30-44-0500			1-1/2" crosslay (each), 2" valve, bleeder	2	MTL
30-44-6500			Piping for monitor, plumbed 3", bleeder	1	MTL
30-44-6600	X	<	Discharge for front Turret, electric valve included with turret	1	
			There will be a 2" discharge for the front bumper turret with the control located in the chassis cab. There will be a pressure gauge mounted in the chassis cab. The turret will be mounted in the middle of the bumper.		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
30-51-0500			Pump shift-Midship air	1	MTL
30-51-0700			Pump Gearbox mounted manual over ride for pump shift E	1	MTL
30-51-1500			Power shift PTO - Automatic transmission	1	MTL
30-51-1501			PTO driveshaft E	1	MTL
30-51-6800	<		FRC InControl Governor/Throttle engine display with throttle knob	1	MTL
			Additional 2nd controller in the chassis cab		
30-51-7000			Suction side relief V/V, manifold pump	1	MTL
30-51-7500	<		Primer electric vane type 12V with oil tank Waterous 2nd control in chassis cab	1	MTL
30-51-8100			Heat exchanger included with chassis	1	MTL
30-52-1000			Master drain V/V, 12 port	1	MTL
30-52-2000			Drain valve for foam system header	1	MTL
30-52-4210	<		Foam System - Hypro FoamPro 2002 Single Tank Remote switch in cab	1	MTL
30-52-8100			Electric foam fill pump with panel pickup	1	MTL
30-52-9100			Foam concentrate label at foam tank fill	1	MTL
30-52-9200			Foam System Instruction Plates	1	MTL
30-52-9400			NFPA Foam System certification test	1	MTL
			WATER AND FOAM TANKS	1	MTL
40-11-2100			Ultra-Tank water tank (Imperial gallons)	1	MTL
40-11-2200			Water tank capacity certification (tank manufacturer)	1	MTL
40-11-7500			Tank capacity 2500 Imperial Gallons	1	MTL
40-12-5000			Foam cell - 30 Imperial gallon	1	MTL
40-22-1000			3" tank fill connection	1	MTL
40-23-0500			1" water level gauge connection	1	MTL
40-23-1000			1" foam level gauge connection	1	MTL
40-23-1040			4" direct fill connection	1	MTL
40-23-1060			10" Newton dump connection	1	MTL
40-30-0400			3" plug in sump box	1	MTL
40-30-1100			Water Fill Box middle left side	1	MTL
40-31-4500			10" rear Newton dump, painted steel	1	MTL
40-31-5000			Newton dump - 36" telechute painted steel	1	MTL
40-31-5500			Electric operator for Newton dump	1	MTL
40-31-5600	>		Rotating dump chute for Newton dump painted steel	1	MTL
40-31-5800			Support for rotating dump chute if necessary	1	MTL
40-31-8000			4" Storz rear gtd fill	1	MTL
			ELECTRICAL	1	MTL
50-11-0500			Base electrical system	1	MTL
50-11-0600			Warning Light Certification	1	MTL
50-11-0700			Low Voltage Electrical system test	1	MTL
50-11-0800			Low Voltage Electrical System Documents	1	MTL
50-11-0900			Rocker switch panel with master warning switch	1	MTL
50-11-2500			Siren to be accessible to driver only E	1	MTL
50-11-6110			Whelan light bar included with chassis	1	MTL
50-11-6501			Rear Directional Light not required E	1	MTL
50-11-8600			Rear LED beacons-Whelan MCFLED2R (pr) both red	1	MTL
50-12-8000			Additional body side intersection light not required	1	MTL
50-12-8520			Front LED flashers (pr)-Whelan red LED 600 with integral flasher	1	MTL
50-12-8610			Rear LED flashers (pr)-Whelan red LED 600 with integral flasher	1	MTL
50-12-8710			Front side inter lts (pr) - Whelan red LED 600 with integral flasher	1	MTL
50-12-8810			Body side inter lts (pr)-Whelan red LED 600 with integral flasher	1	MTL

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
50-21-1500			Rear floods (pr)-Unity	1	MTL
50-21-1600			Parking (ditch) lights in rear fenders	1	MTL
50-21-5100	>		Compartment lighting - LED tube lights in each compartment (rollup doors)	1	MTL
50-21-5500			Door Ajar warning light	1	MTL
50-21-5550			Equipment rack not stowed warning light	1	MTL
50-21-5550			Equipment rack not stowed warning light	1	MTL
50-21-8001			Step lights for body steps - 4" LED	1	MTL
50-21-8201			Step lights for chassis steps - LED marker type	1	MTL
50-21-8600			LED clearance lts and reflectors	1	MTL
50-21-8800			LED intermediate turn signal/clearance/reflector length >30'	1	MTL
50-22-0700			Whelan 64 LED tail/brake-turn-backup module (pr)	1	MTL
50-31-4010			10 kW hydraulic generator - brand not specified	1	MTL
			E		
50-31-6505			Ground lighting included with chassis	1	MTL
50-31-6620			Ground lighting (4" LED) - side mount body	1	MTL
50-35-0500			Installation of customer supplied mobile radio	2	MTL
50-35-0559			Mobile radio antenna provided by customer	2	MTL
			E		
51-31-3020	>		120 volt wiring for hydraulic generator	1	MTL
51-31-3100	>		Automatic 110 volt transfer switch	1	MTL
51-31-4500			Dielectric strength test for line voltage system	1	MTL
			BODY	1	MTL
60-10-1600			Tandem axle extruded aluminum body	1	MTL
60-10-4000			Tapered "beavertail" rear step supports	1	MTL
				E	
60-10-4600			Painted fender surround	1	MTL
60-10-4700			Integral aluminum fender trim	1	MTL
60-10-5400	>		Diamondback pumphouse steps	1	MTL
60-10-5430	>		Diamondback 19" rear step	1	MTL
60-10-6000			Extruded rub rail	1	MTL
60-11-0200	>		Front left side compartments intermediate height	1	MTL
60-11-0600	>		Front right side compartments intermediate height	1	MTL
60-11-0900	>		Rear left side compartments intermediate height	1	MTL
60-11-1300	>		Rear right side compartments intermediate height	1	MTL
60-11-1900	>		Low side compartment (up to 18") each	4	MTL
60-11-3100			No rear compartment	1	MTL
				E	
60-11-4500			Flush mount aluminum door - single with "D" handle	4	MTL
60-11-5510			Rollup door - intermediate height	1	MTL
60-11-5510			Rollup door - intermediate height	1	MTL
60-11-5510			Rollup door - intermediate height	1	MTL
60-11-5510			Rollup door - intermediate height	1	MTL
60-31-4100			Extruded aluminum handrails	1	MTL
60-31-5500			Steps at rear of body (folding)	1	MTL
60-31-5600			Steps and grab handles at front of body next to pump panel	1	MTL
60-31-6500			Compartment matting-Turtle tile	1	MTL
60-31-8000			BA bottle compt (ea)-fender well	4	MTL
60-31-8700	>		Sliding tray (ea) - 400 pound capacity with gas strut	4	MTL
60-32-3550			Two adjustable hose divider (each)	1	MTL
60-32-7500			Hose bed - aluminum	1	MTL
60-33-0000			Paint exterior - Imron Elite	1	MTL
60-33-0200			Undercoat vehicle with KROWN rust protection	1	MTL
60-33-0600			Chassis wheels not painted	1	MTL
60-33-1000			Paint pump and plumbing job colour	1	MTL
60-33-1500			Buffed finish compartment interior	1	MTL
60-33-2000			Lettering - no lettering provided	1	MTL
60-33-3000			Reflective stripe - 4" white	1	MTL
60-33-3310			Reflective stripe - red and yellow chevron at rear	1	MTL
60-33-4600			Aluminum cover over crosslays - with end tarps (black)	1	MTL
60-33-5000			Aluminum cover over hose bed with end tarps - black	1	MTL
			E		

PART NO	S	STN CODE	DESCRIPTION	QTY	ID
60-40-5500			Suction hose tube (each) with door	2	MTL
60-41-1015			Pike Pole tube in suction hose tube	2	MTL
60-41-6000		>	Zico electric portable tank rack - CALL FOR AVAILABILITY	1	MTL
60-41-6010			ZICO PTS switched at rear above tail light	1	MTL
60-41-6110			Painted plate on exterior of Zico PTS	1	MTL
60-41-7100			Tread plate on body behind porta tank rack	1	MTL
60-41-9000		>	Zico electric Ladder Access system	1	MTL
60-41-9010			ZICO LAS switched at rear above tail light	1	MTL
			E		
60-41-9100			Manual locking system for LAS	1	MTL
			INSTRUMENTATION	1	MTL
70-11-0000			Warning Label on Pump Operator's Panel	1	MTL
70-11-0500			Side mount instrument panel	1	MTL
70-11-1500			Stainless steel instrument panels	1	MTL
70-11-3200			Colour coded tags	1	MTL
70-11-4100			Stainless steel side panel hood left side	1	MTL
70-11-4500			Diamondback grip type panel hood step right side	1	MTL
70-11-5100			Open storage at rear top of pump house	1	MTL
70-11-5500			Right side tread plate pump access door	1	MTL
70-11-7500			Heat pan-aluminum	1	MTL
70-11-8000			Heater in pump compartment	1	MTL
70-20-1500			2-1/2" pressure gauge - dual face 0-600	11	MTL
70-20-2500			Primer control	1	MTL
70-20-3300			FRC InControl Governor Control	1	MTL
70-20-3510			Electric water level gauge on pump panel and at rear, Class	1	MTL
			One		
70-20-6500			Test gauge panel	1	MTL
70-20-7500			Heat exchanger control valve	1	MTL
70-21-1500			Electric Foam Level gauge	1	MTL
70-21-2100		>	PTO Hourmeter	1	MTL
71-21-3100		>	Transmission warning light (automatic transmission)	1	MTL
			ACCESSORIES	1	MTL
80-11-5000			6" x 10' lightweight suction hose (ea)	2	MTL
80-12-2500			6" barrel strainer	1	MTL
80-13-0500			Rubber mallet	1	MTL
80-99-10AA	X		Electric Elkhart Scorpion	1	
80-99-11AA	X		Elkhart electric riser	1	
80-99-15AA	X		Elkhart Sidewinder EXM, Joystick control in cab, wireless	1	
			remote		