


DEPT: Jackson Twp OH FD

Date: 9/12/24

NFPA PUMP TEST

Apparatus Information:

Year: 2006	Make: Pierce	Model: Enforcer	Vin #: 4P1CE01A006218	Unit #: Engine 205
Apparatus Make: Pierce	Apparatus Model: Side Mount Pumper	Apparatus S/N: Job #17569 WO #6233147	Miles: 72560	
Engine Make: Cummins	Engine Model: ISL	Engine Serial #: 666 666 666	Hours: 7045	
Pump Make: Waterous	Pump Model: CS	Pump Serial #: 126922	Pump Hours: 265	Pump Capacity: 1250

Test Conditions:

Ambient Air Temperature: 70 Hard Suction Hose Size: 6" diameter 18' length

Location of test site: Draft Commander 3000 Trailer Water Temperature: 80 Ratio: 2.27

Lift from water level to the middle of suction intake manifold on apparatus: Feet: 3 Inches: 0 Elevation: 807'

Tip Size		2 1/4"	150 PSI	Tip Pressure			70 PSI	100% Test	20 Minute Duration			
Time	Engine Temp.	Oil Pressure	Voltage	Tach Reading	Pump PSI Reading	Vac Gauge Reading	Flow GPM	Hose Layout			Pump Mode	Original Flow
								No.	Size	Lengths		
920	202	58	13.2	1750	150	7.5	1260	3	3"	50'	Single	1251
:05	195	58	13.2	1760	150	7.5	1260					
:10	193	58	13.2	1775	150	7.5	1260					
:15	193	55	13.2	1775	150	7.5	1260					
:20	193	53	13.2	1775	150	7.5	1260					

Tip Size		2 1/4"	165 PSI		Tip Pressure		70 PSI		Overload Test		5 Minute Duration	
Time	Engine Temp.	Oil Pressure	Voltage	Tach Reading	Pump PSI Reading	Vac Gauge Reading	Flow GPM	Hose Layout			Pump Mode	Original Flow
								No.	Size	Lengths		
940	193	53	13.2	1800	165	7.5	1260	3	3"	50'	Single	125'

Tip Size		1 3/4"	200 PSI	Tip Pressure			94 PSI	70% Test	10 Minute Duration			
Time	Engine Temp.	Oil Pressure	Voltage	Tach Reading	Pump PSI Reading	Vac Gauge Reading	Flow GPM	Hose Layout			Pump Mode	Original Flow
								No.	Size	Lengths		
945	200	48	13.1	1700	200	5.0	881	3	3"	50'	Single	880
:05	203	48	13.1	1700	200	5.0	881					
:10	203	48	13.1	1700	200	5.0	881					

Tip Size		1 1/2"		250 PSI		Tip Pressure		88 PSI		50% Test		10 Minute Duration		
Time	Engine Temp.	Oil Pressure	Voltage	Tach Reading	Pump PSI Reading	Vac Gauge Reading	Flow GPM	Hose Layout			Pump Mode	Original Flow		
								No.	Size	Lengths				
955	200	49	13.1	1800	250	2.5	626	3	3"	50'	Single	627		
:05	200	49	13.1	1800	250	2.5	626							
:10	200	49	13.1	1800	250	2.5	626							

Pump Test Capacity Test



Unit Passed



Unit Failed



Max Vacuum Attained: 20" Vacuum Drop in 5 Minutes: 3 in. Hg Drop (10 in. Max)

Time to Prime the Pump: 16 seconds

Automatic Pressure Control Test: 90 PSI X 150 PSI X 250 PSI X

Vacuum Test:



Unit Passed



Unit Failed

Pump Test Notes:

Red emergency light behind drivers door, does not work.

Step light above main pump panel does not work.

Oil Pressure and Volt Meter on pump panel do not work.

Red Kussmaul cover is broken.

#1 Discharge drain is broken and needs replaced.

Overall Test:



Unit Passed



Unit Failed

Tested By: _____
Signed

Rod Swingle

Printed

Pump Test Tech

Title

Disclaimer: Heritage Fire Equipment must bill each truck individually even though the estimate compiles all trucks being pump tested together; This will NOT impact your overall cost. Each truck must have its own record of NFPA compliant pump test records. Upon completion, a copy of the pump test documentation will be provided to you. Any additional copies requested may be subject to an administrative fee. Please send all requests to pumptest@heritagefireequipment.com