



LOWE Fuel Systems

Fuel pump test results

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Pump Brand	HILBORN			
Pump Size	BL420			
Pump Serial Number	200913.003			
Test Number	Test 1	Test 2	Test 3	Test 4
Test Date	13 Sept 2020			
Customer	Andrew Harvey 0499-352 448			
Bypass Jet	NONE			
Flow Meter	#2 Red	#1 Yellow	#1 Yellow	# 1 Yellow
Pump Speed	4000 RPM	4000 RPM	4000 RPM	4000 RPM
Rotation	Reverse	Forward	Forward	
Flow @ 0 psi	3.20 gpm	00.00 gpm	00.00 gpm	00.00 gpm
Flow @ 100 psi	2.75 gpm (-0.45) 85.93%	00.00 gpm (-0.00) 00.00%	00.00 gpm (-0.00) 00.00%	00.00 gpm (-0.00) 00.00%
Flow @ 150 psi	2.87 gpm (-0.83) 74.06%	00.00 gpm (-0.00) 00.00%	00.00 gpm (-0.00) 00.00%	00.00 gpm (-0.00) 00.00%
Fluid Temp	65F	00F	00F	00F
Batch Number	12	00	00	00

All LOWE Fuel System pump and system flow tests are done with test fluid matching the specific gravity and viscosity of methanol. Flow bench accuracy calibration is insured by dead weight flow testers to ensure the accuracy of the turbine flow meters and have been flow matched to both the RacePak and RPM data logger Hoffer flow meters.

A word of caution regarding other flow numbers as water is often used as a flow medium but water having a specific gravity of 1.0 and methanol having a specific gravity of 0.791 will create a significant difference between the flow numbers.

Fuel Pump Notes for SN 200913.003

- 200913 Internal slotted drive. Pump test was performed with adjustment screw at highest pressure setting in order to achieve the mentioned results. Bypass port was plugged for test.