

Resistance to Flow Test Report



Test Number: Job895A
Unit Number: 1
Filter ID: Wix 51040

Type Of Test: HS 806 Flow
Tech: B.B
Date: 6/3/99

Subject: To perform pressure verses flow testing according to SAE J806, 1995 Edition, Chapter 1 Resistance to Flow Testing. Testing was performed using a Wix 51040 without the Magna-Guard Magnet installed.

Object: To determine a baseline flow curve on the Wix 51040 Oil Filter without the Magna-Guard Magnet.

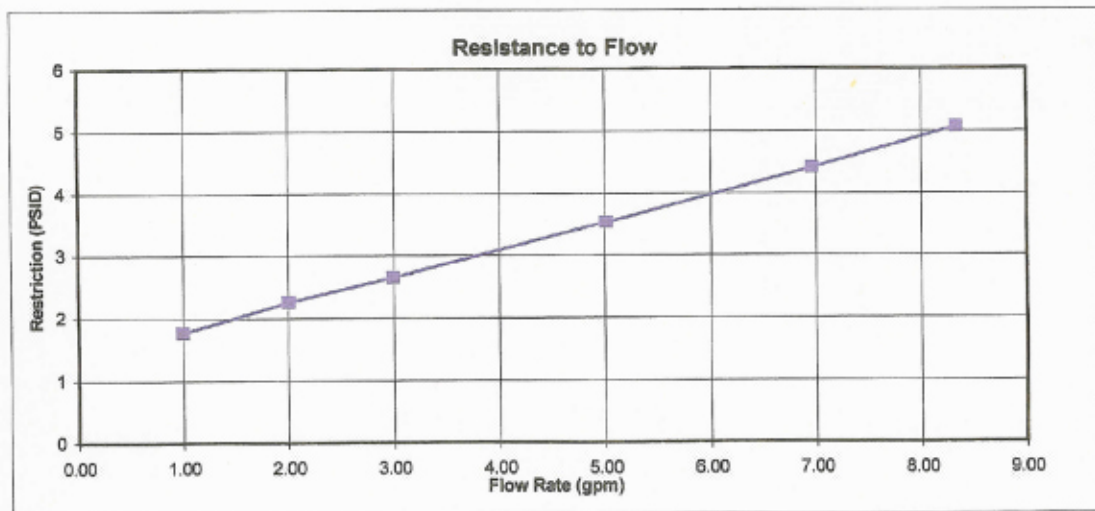
Test Conditions

Test Fluid: SAE J1260 (RFO-3)
Flow: Variable

Volume: 6 Liters
Temperature: 180 DEG. F

Test Data

Flow (gpm)	Gross (psid)	Restriction	
		Tare	Net (psid)
0.99	1.76	0	1.76
2.00	2.25	0	2.25
2.99	2.64	0	2.64
5.01	3.53	0	3.53
6.96	4.41	0	4.41
8.33	5.06	0	5.06



Conclusion: The differential pressure values are typical numbers for the selected size oil filter at a standard SAE J806 flow range.