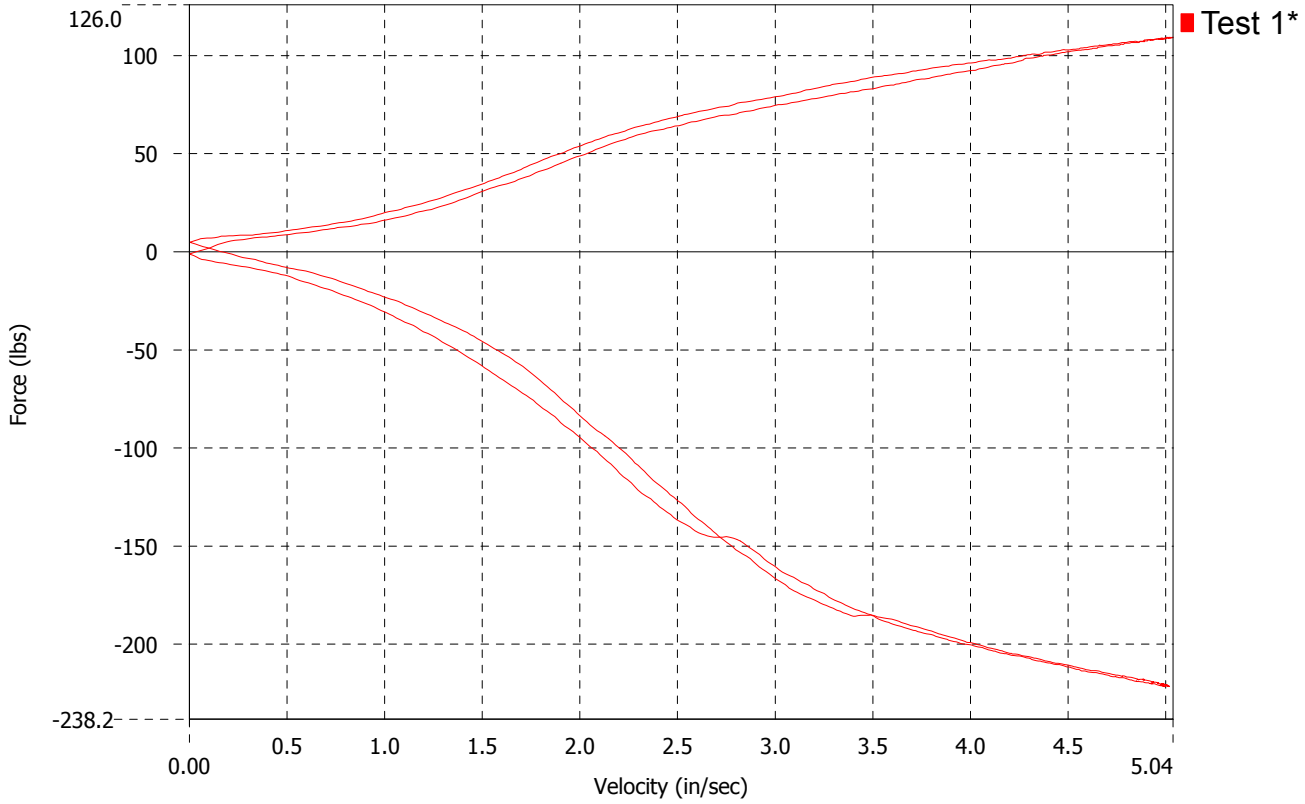




Force Vs. Absolute Velocity



Test 1

Test 1 (gas force removed)

Stroke 2.00 in Peak Velocity 5.06 in/sec Gas Test 16.00 lbs Seal Drag N/A Temperature 101 F Test Speed 5.00 in/sec

Velocity	CO	RC	CC	RO	CA	RA
0.00	-1.11	-1.05	4.82	4.88	1.86	1.91
1.00	16.11	-30.68	19.96	-23.09	18.03	-26.88
2.00	48.82	-94.66	53.93	-83.48	51.38	-89.07
3.00	74.65	-160.42	78.96	-166.54	76.80	-163.48
4.00	92.33	-200.35	96.25	-199.22	94.29	-199.78
5.00	108.76	-221.35	109.03	-220.78	108.89	-221.06