



Oronite

Mack T13 OC adjustment?

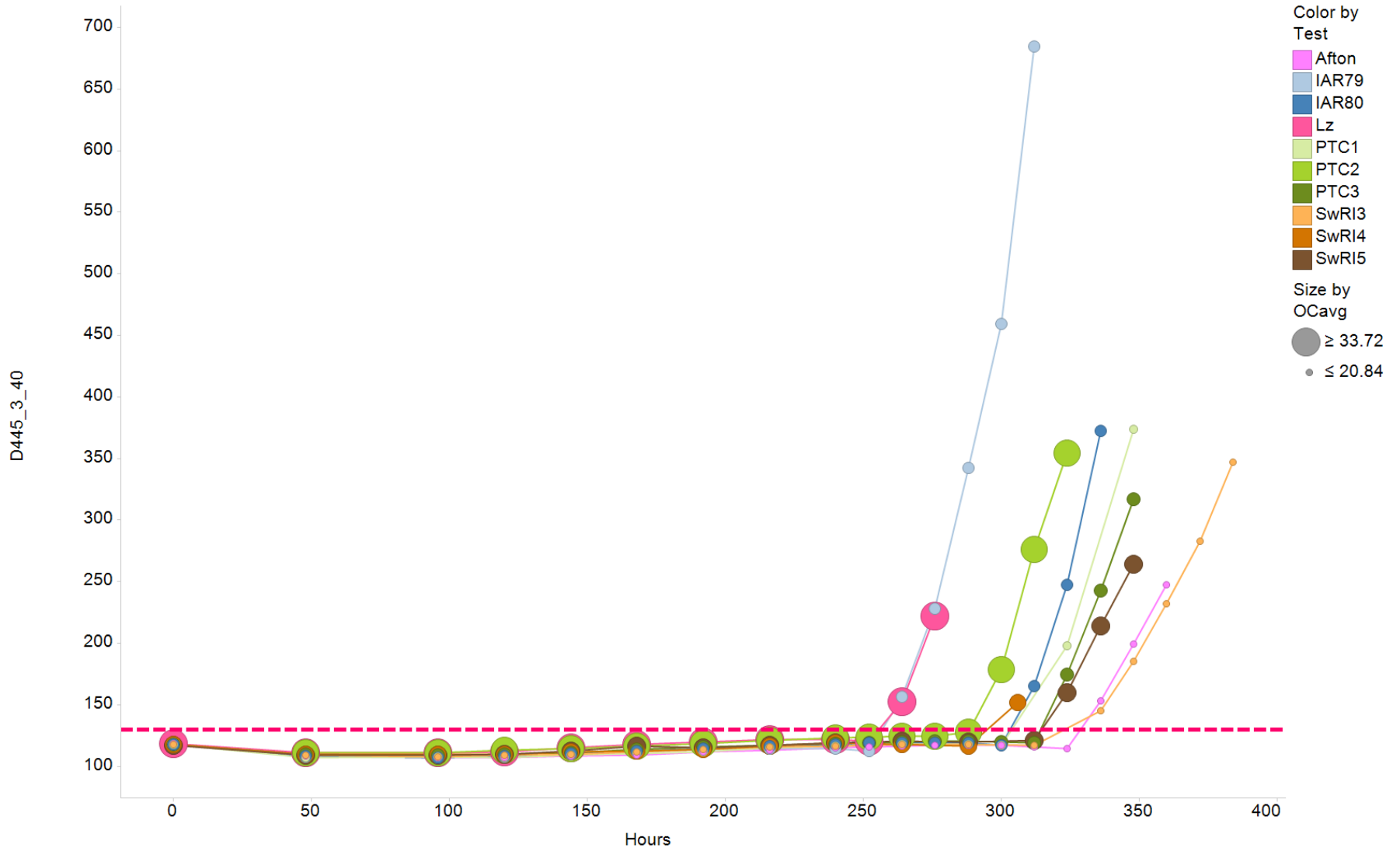
Jim Rutherford

03/06/2014



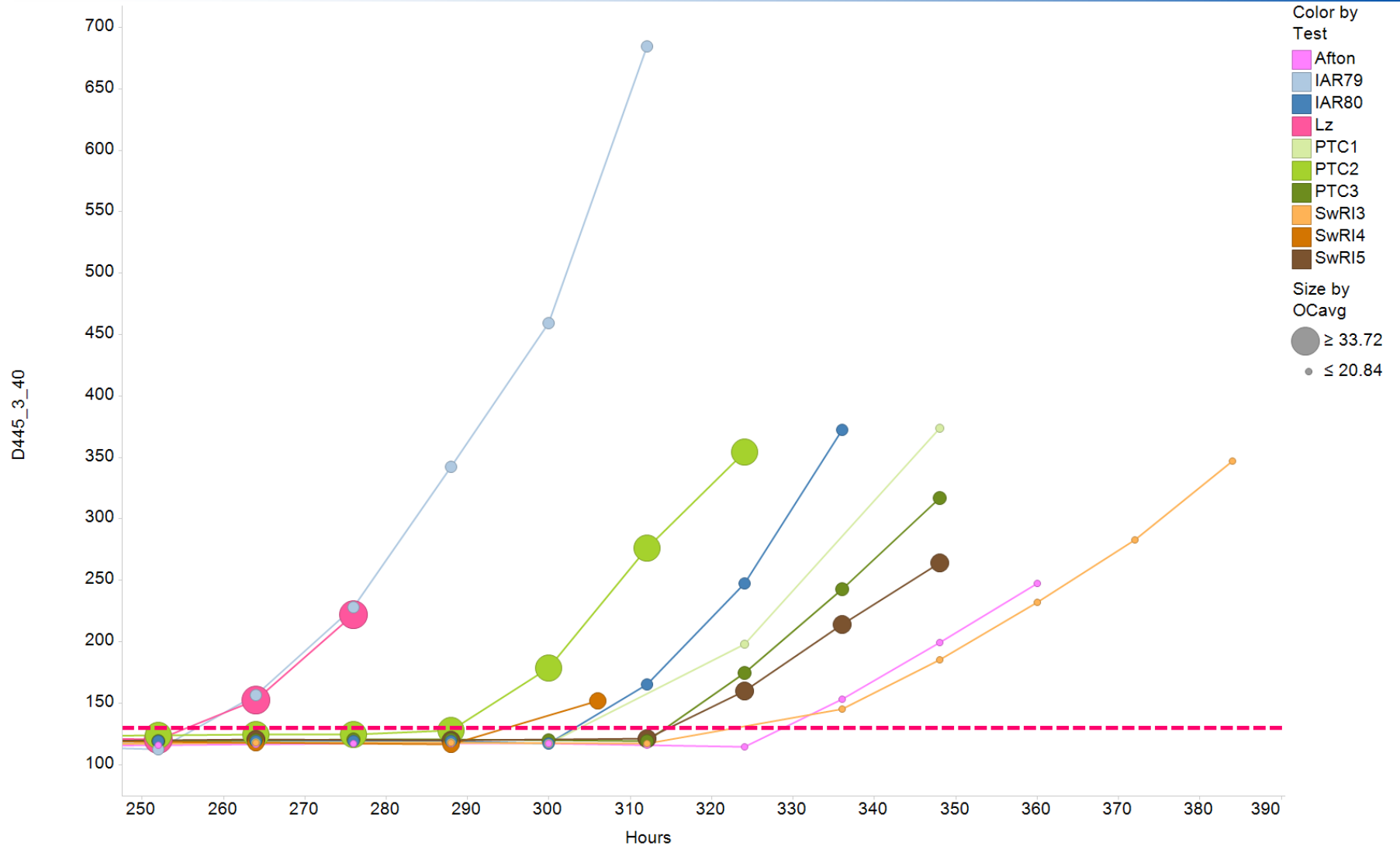


Viscosity at 40°C versus Hours with size by Average Oil Consumption



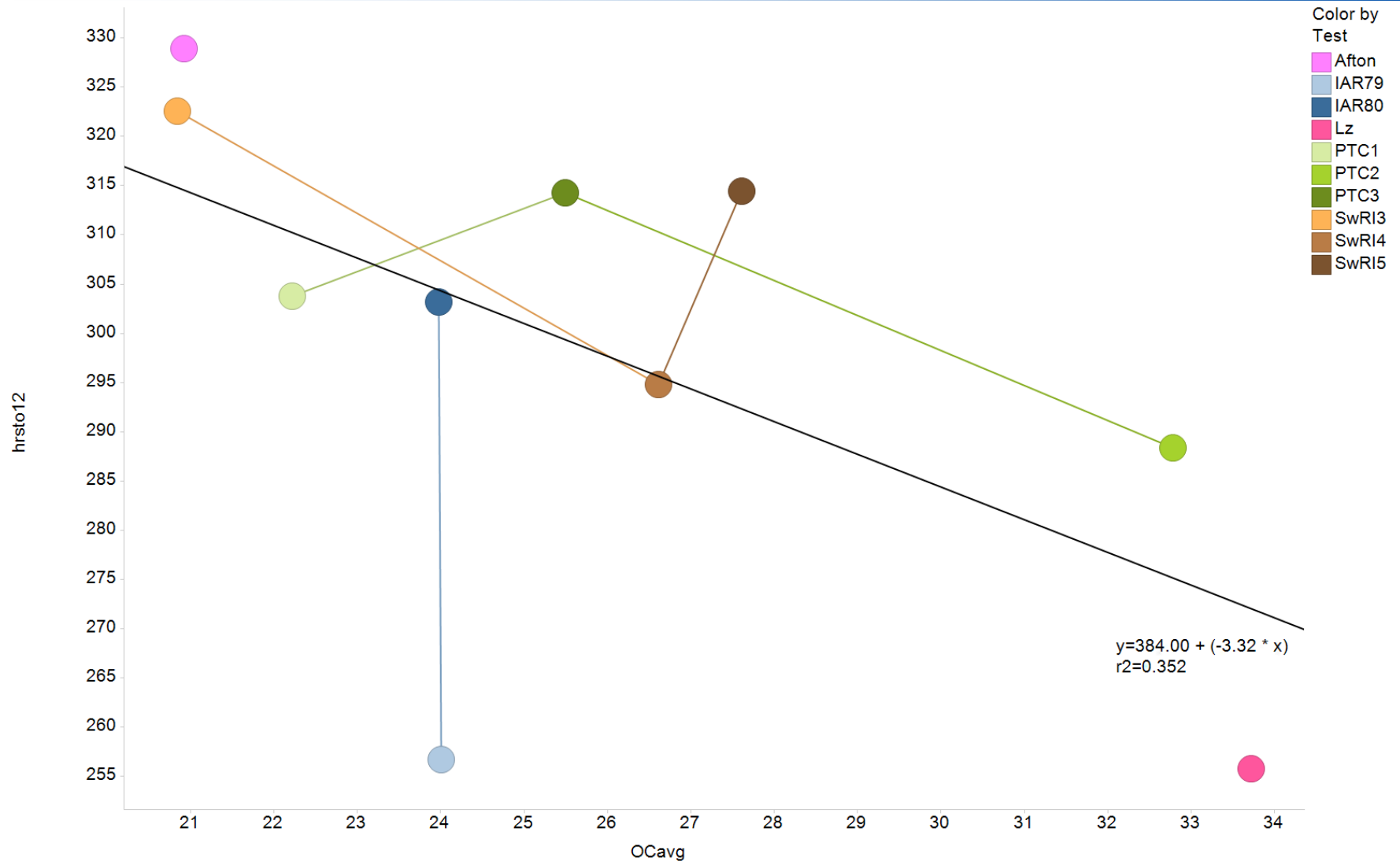


Viscosity at 40°C versus Hours (starting at 250 hours) with size by Average Oil Consumption





Hours to 12 cSt Increase in Viscosity at 40°C versus Oil Consumption



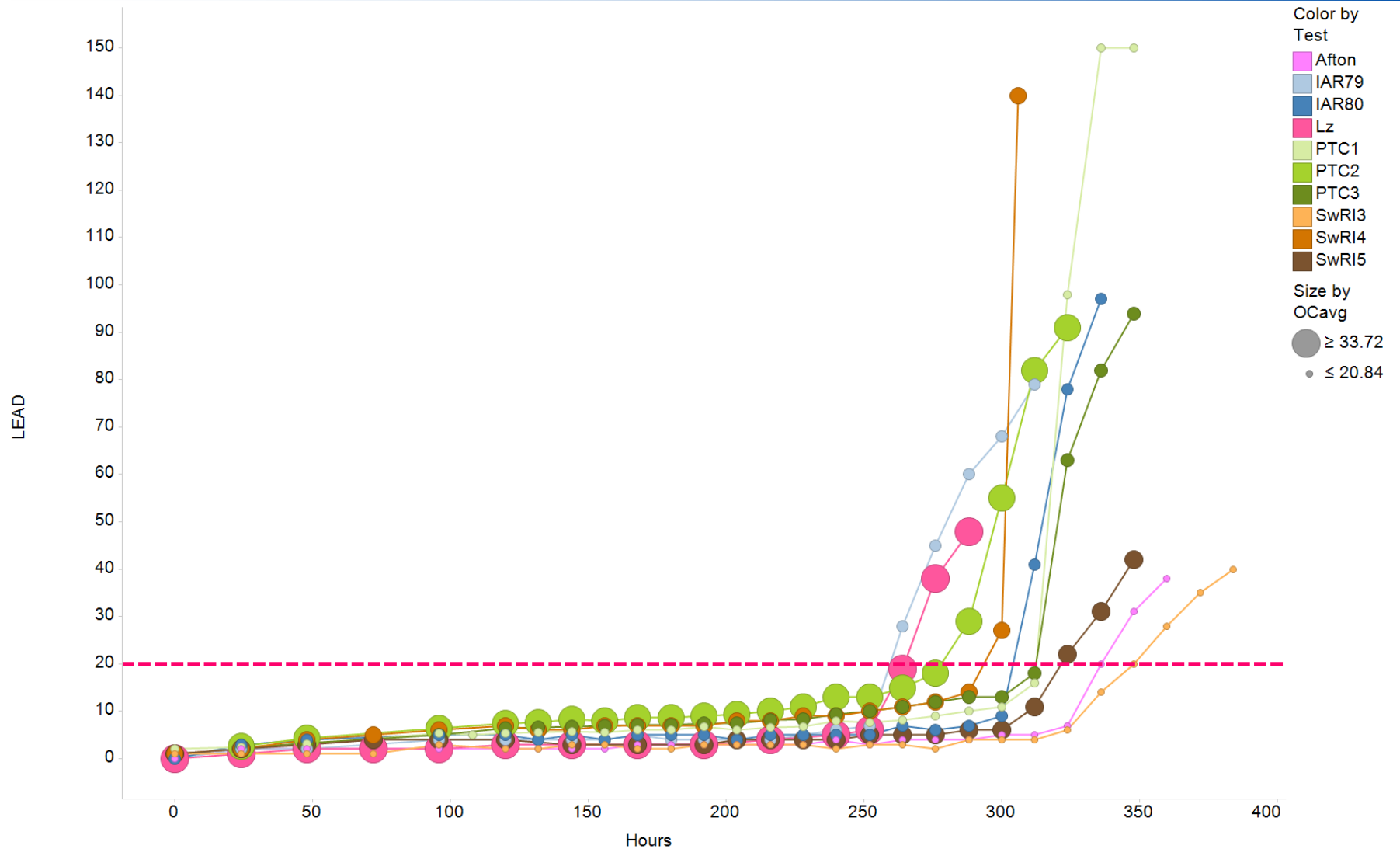


Hours to 12 cSt Increase in Viscosity at 40°C versus Oil Consumption

Dependent Variable: hrsto12cStinc					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	4263.438885	852.687777	2.3	0.2196
Error	4	1480.888318	370.222079		
Corrected Total	9	5744.327203			
R-Square	Coeff Var	Root MSE	hrsto12cStinc Mean		
0.7422	6.450703	19.24116	298.28		
Source	DF	Type III SS	Mean Square	F Value	Pr > F
OCavg	1	346.348026	346.348026	0.94	0.3882
Lab	4	2243.532126	560.883032	1.51	0.3486
Parameter	Estimate		Standard Error	t Value	Pr > t
Intercept	361.048124 B		53.33748266	6.77	0.0025
OCavg	-2.016696		2.08504409	-0.97	0.3882
Lab Afton	10.0530744 B		23.80565862	0.42	0.6945
Lab IAR	-32.7275366 B		17.69423341	-1.85	0.1381
Lab Lz	-37.2576334 B		28.68248276	-1.3	0.2638
Lab PTC	-4.7837696 B		16.15726666	-0.3	0.7819
Lab SwRI	0 B		.	.	.

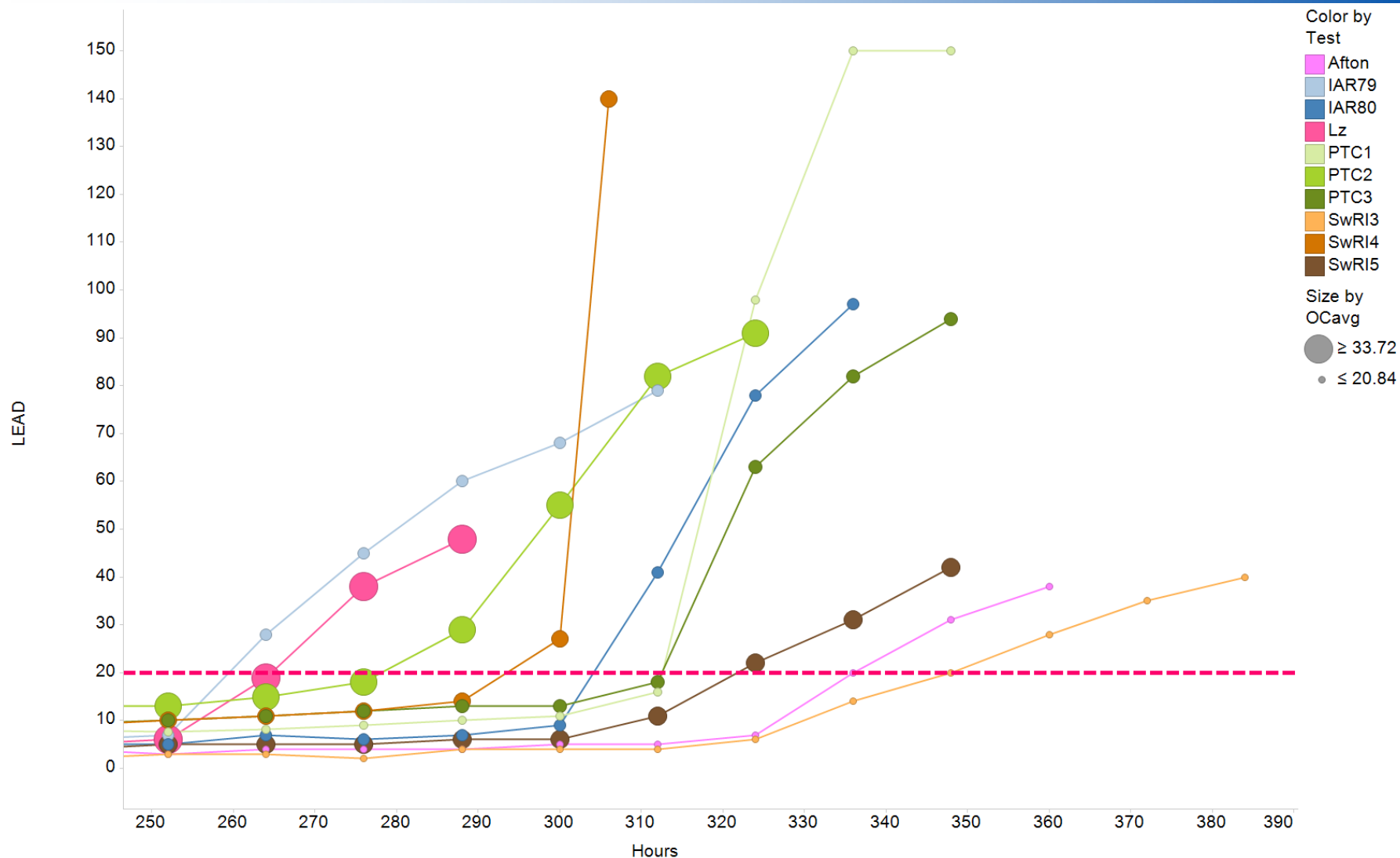


Lead versus Hours with size by Average Oil Consumption



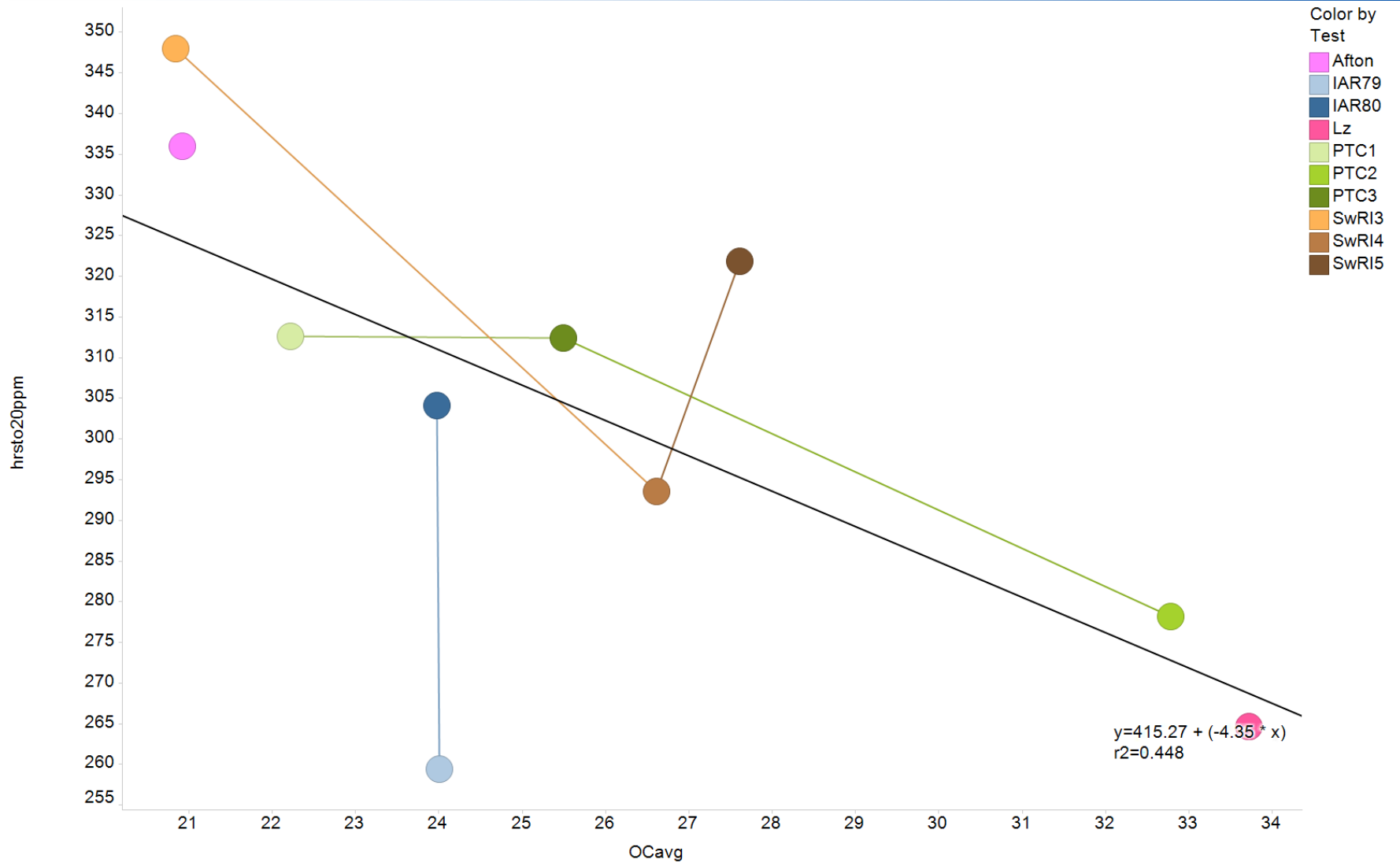


Lead versus Hours (starting at 250 hours) with size by Average Oil Consumption





Hours to 20 ppm Lead versus Oil Consumption





Hours to 20 ppm Lead versus Oil Consumption

Dependent Variable: hrsto20ppm					
Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	5975.884547	1195.176909	2.73	0.1758
Error	4	1749.406931	437.351733		
Corrected Total	9	7725.291478			
R-Square	Coeff Var	Root MSE	hrsto20ppm Mean		
0.773548	6.900394	20.91296	303.069		
Source	DF	Type III SS	Mean Square	F Value	Pr > F
OCavg	1	1517.650436	1517.650436	3.47	0.136
Lab	4	2515.566346	628.891586	1.44	0.3667
Parameter	Estimate		Standard Error	t Value	Pr > t
Intercept	426.741582 B		57.97179963	7.36	0.0018
OCavg	-4.2215308		2.26620666	-1.86	0.136
Lab Afton	-2.4271574 B		25.87405335	-0.09	0.9298
Lab IAR	-43.6691645 B		19.23162667	-2.27	0.0857
Lab Lz	-19.7599843 B		31.17460856	-0.63	0.5606
Lab PTC	-12.4285316 B		17.56111797	-0.71	0.5182
Lab SwRI	0 B		.	.	.

