

Caterpillar C13 Test Matrix Update

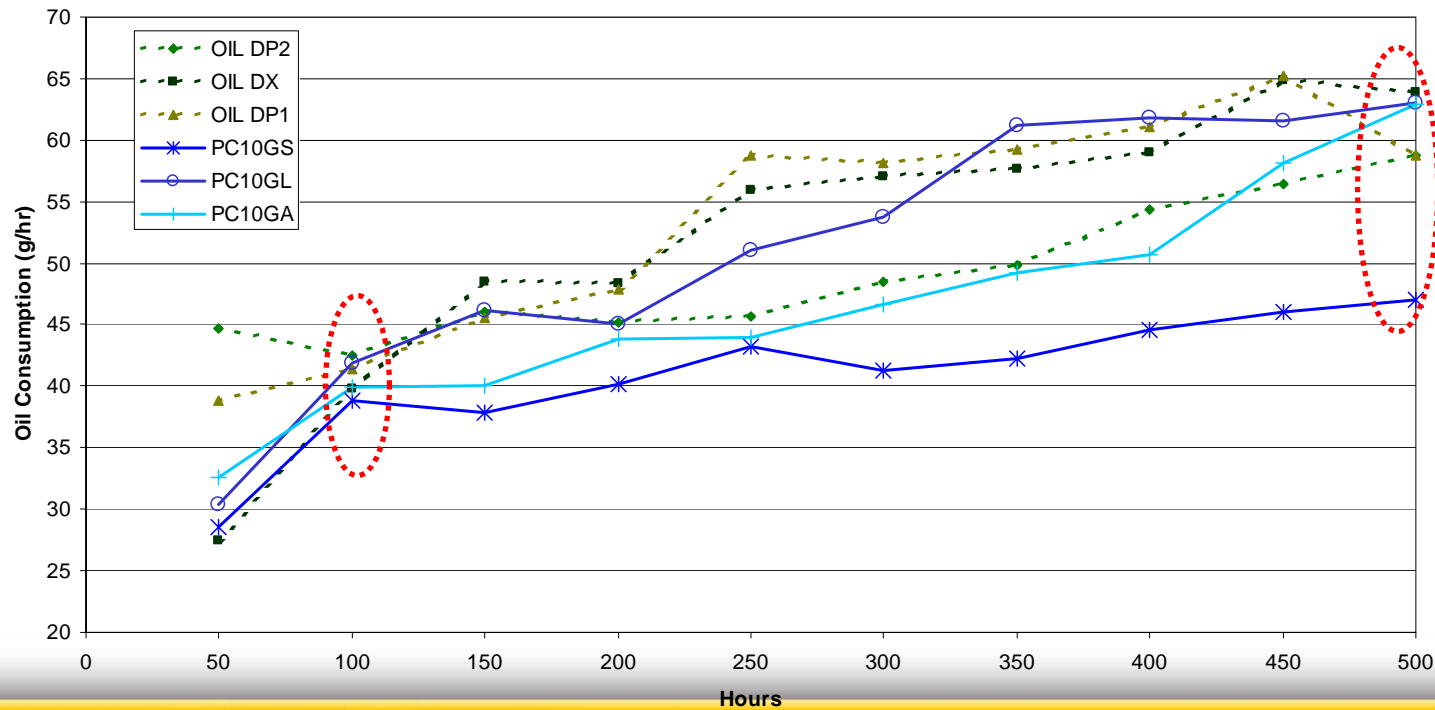
Phase 1 Tests: 7 Tests authorized

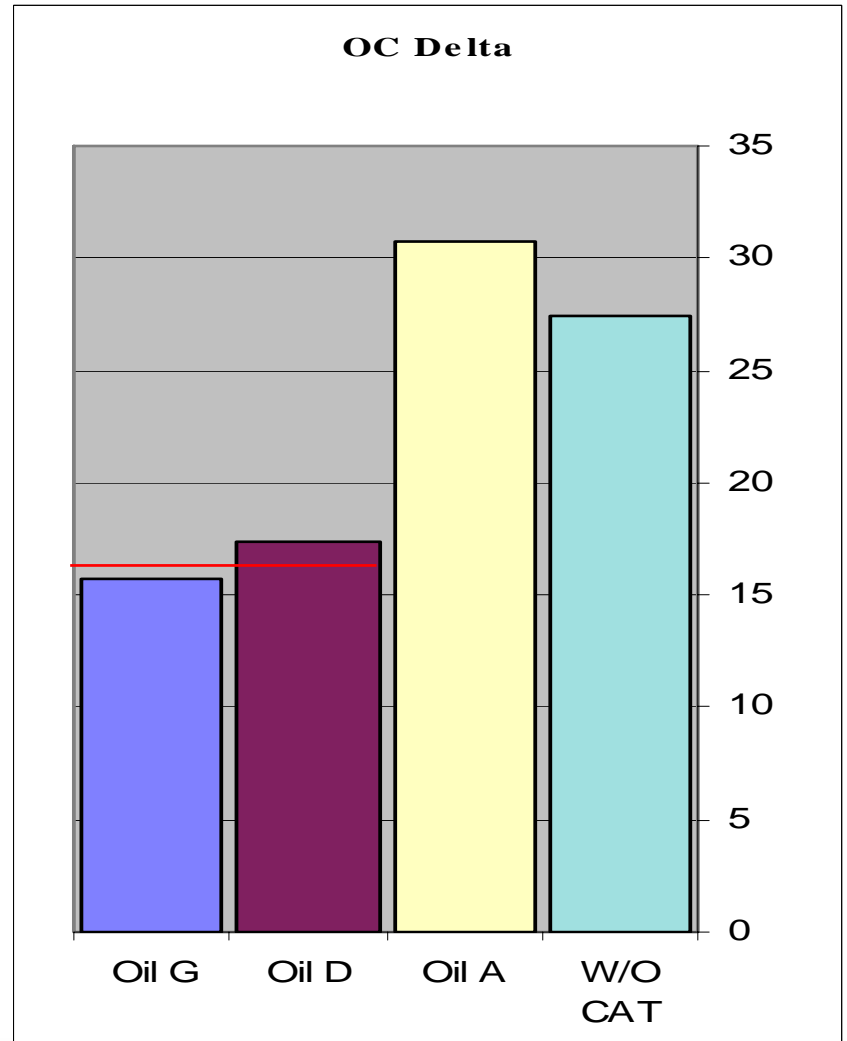
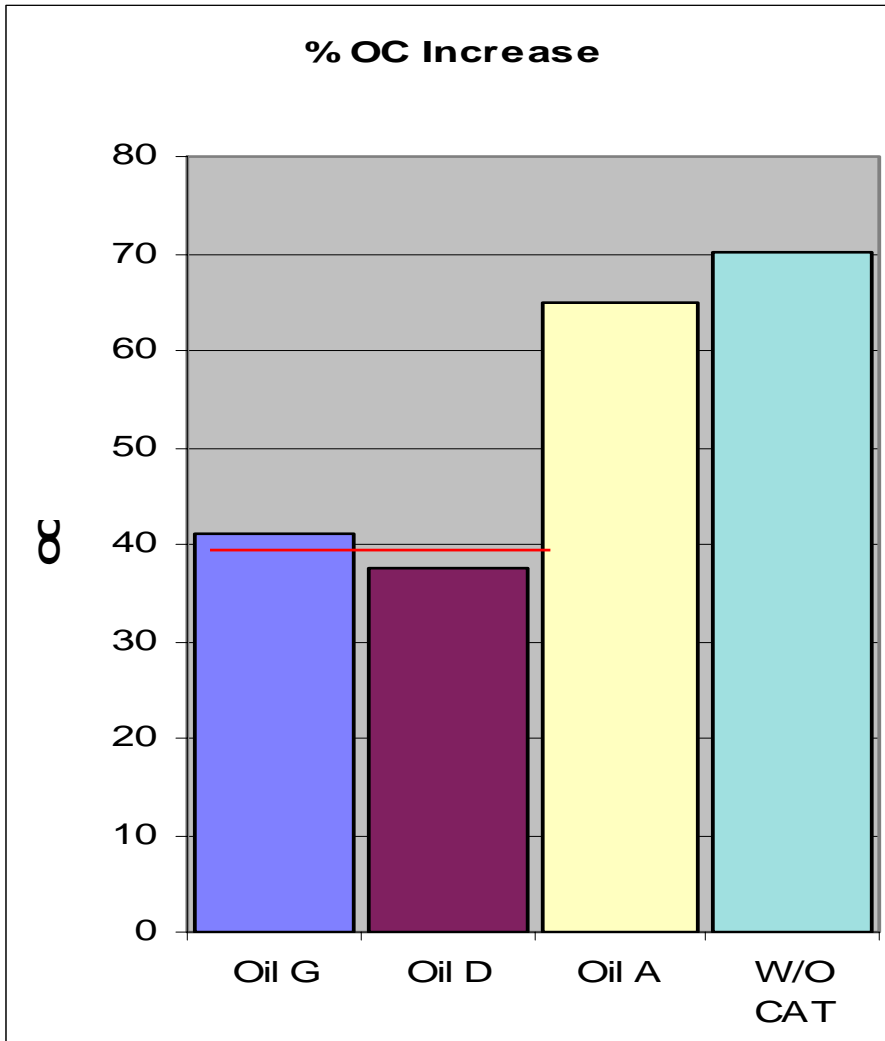
1. 8 Tests started
2. 1 Test Aborted
3. 6 Completed
4. First round completed by June 22.



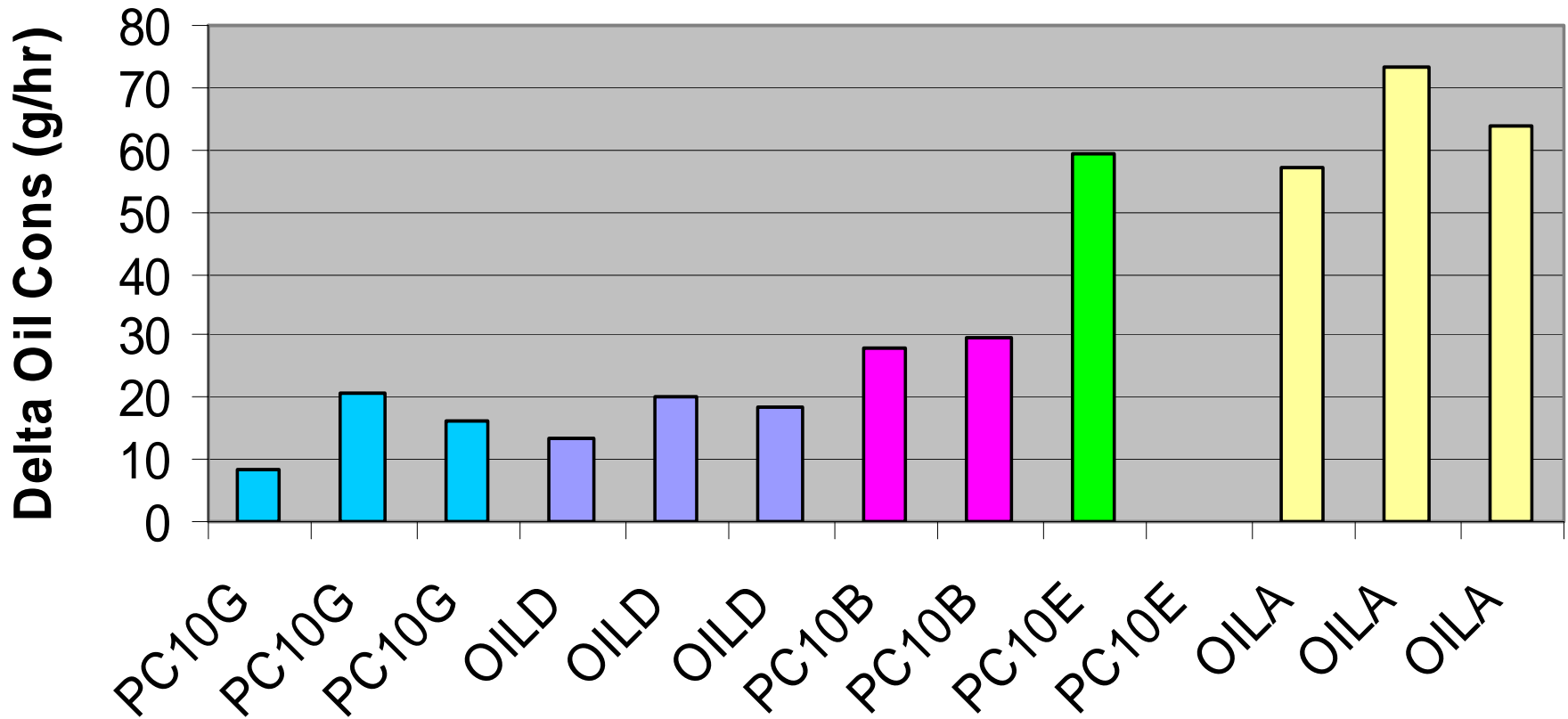
C13 Test Status

1. Oil PC10G - 3 tests included in Matrix Completed
2. Oil PC10G Oil consumption repeats with Oil D tests
3. Averages of Oil Cons of Oil D and Oil G runs similar

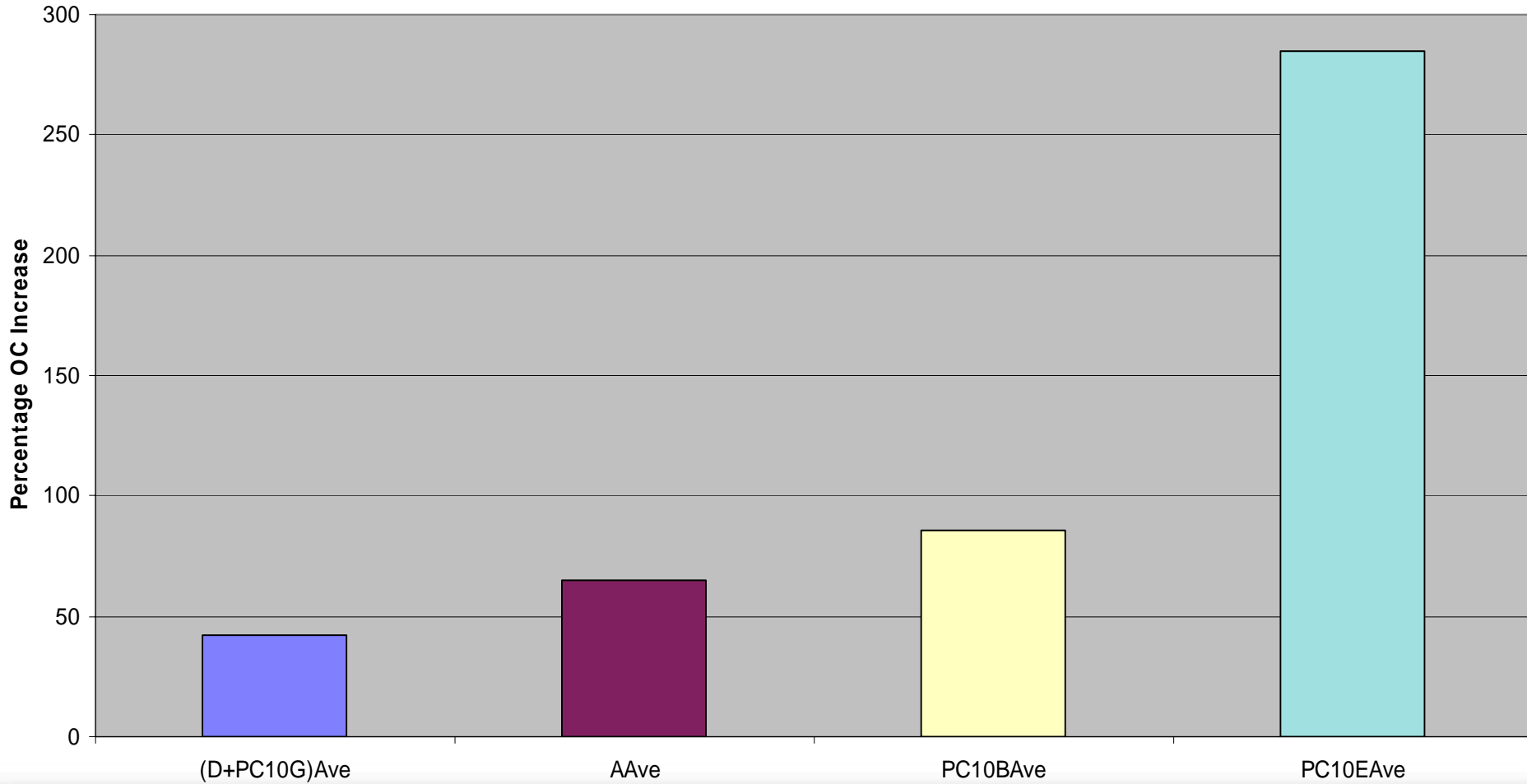




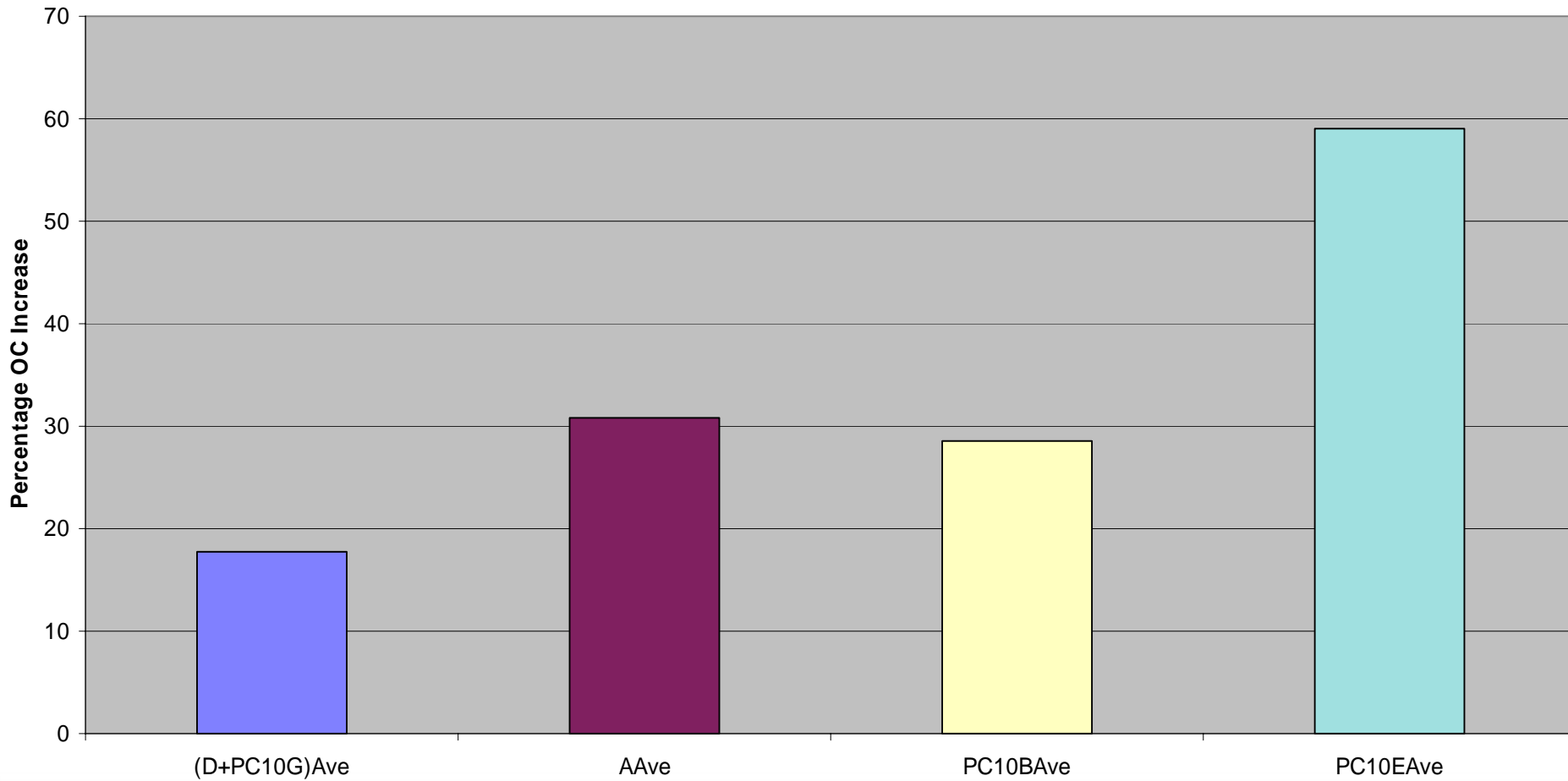
C13 Test Status



C13 Percentage Oil Cons Increase



C13 Delta Oil Cons (Increase)



C13 Test Status

1. Oil G and Oil D piston deposits appear similar with good repeatability/reproducibility.
2. Wait for full data package to be delivered to TMC before final conclusions can be made.
3. Need to consider PC-10 matrix oil performance



C13 Test Way Forward

1. Repeatability/Reproducibility of Oil D with PC10G with OC
2. Discrimination between Oil A and PC10G, D.
3. Discrimination between PC10G and PC10B
4. PC10B and PC10E Similar to Oil A



C13 Test Status

	Possible	Oils			
	Pass Limit	A	D, PC10G	PC10B	PC10E
Delta OC	25	F	P	F	F
OCONPINC	50	F	P	F	F
ATGC	50	F	P	P	P
ATLC	30	F	P	P	P
TGFAVG	48	F	P	P	F
ATLHC	10	F	P	P	P

