Test Conditions, Tan δ, Capacitance, Failure Times

Temp, °C	RT	70°	70°	70°	70°	70°	80°	90°	100°		
Voltage	600	870	900	930	960	1000	1000	1000	1000		
Time, hrs	0	744	168	168	168	168	195	163	168		
1X Treated 65% Diala Oil 35% Cyclohexanone + 0.47% Unox 221	.00447	.00368	.00366	.00379	.00385	.00386	.00411	.00494			
	1.857 μfd	1.794	1.792	1.790	1.790	1.786	1.777	1.767			
								37.5 hrs	1.5 hrs	4.0	
								73.0	3.0	5.0	
									3.0	34.0	
1X Column treated Aroclor 1016	.00310	.00304	.00326	.00303	.00304	.00307	.00330	.00338	.00417		
	1.938 μfd	1.869	1.868	1.867	1.867	1.867	1.855	1.845	1.826		
									13.0 hrs.	92.0	
									17.5	155.5	
									24.0	156.5	
										157.0	
2x treated 3,4-di chlorotrifluoromethane + 0.3% Unox 221	.00322	.00323	.00321	.00324	.00324	.00332	.00332	.00339	.00367		
	2.079 μfd	2.014	2.013	2.012	2.012	2.011	2.001	1.991	1.995		
									All ok		
1X Treated MCS 1238 (5 gal. blend) + 0.3% Unox 221	.00363	.00320	.00332	.00335	.00335	.00335	.00359	.00371	.00414		
	1.951 μfd.	1.880	1.881	1.881	1.879	1.878	1.878	1.855	1.847		
									All ok		
Recycled 76.8% MI3P 23.2% TXS + 0.3% Unox 221	.00395	.00376	.00350	.00374							
	1.977 μfd.	1.902	1.901	1.899							
					All 8 failed @ 30 hrs.						
2X treated MCS 1238 (OR202244)	.00370										
	2.057 μfd.										
		4.5 hrs	7.5								
		5.0	8.0								
		5.83	8.5								
		5.83	12.5								
1X Treated MCS 1238 (5 gal. Blend)	.00351										
	1.956 μfd.										
	1 Shorted @ 250V	2.5 hrs.	3.5								
		3.0	3.5								
		3.0	4.0								
		3.5									

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