ATTACHMENT D

infotest Laboratory Services Summary Report

Customer: National Institute of Standards and Technology
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Job Number: 800054 **Date:** 23-Nov-98

Serial Number	Unit Number	Location	Fluid	MVA/KVA	GALLONS	Date Sampled	Color D1500	Visual D1524	Acidity D974	Die KV D877	Water ppm D1533	IFT dyn/cm D971	Power Factor D924	Specific Gravity D1298	PCB ppm EPA 8080	D.G.A. D3612	Perc ppm EPA 8080
7018111	1	101 A-Wing A23	Silicone	1000	316	24-Oct-98	n/a	clear	0.02	33	30	n/a	n/a	0.993	34	n/a	76423
7018111	1	101 A-Wing A23	Silicone	1000	316	24-Oct-98	n/a	clear	0.03	27	16	n/a	n/a	0.992	27	n/a	73144
7018109	2	101 A-Wing A-23	Silicone	1000	316	24-Oct-98	n/a	clear	0.01	31	27	n/a	n/a	0.995	44	n/a	75508
7018109	2	101 A-Wing A-23	Silicone	1000	316	24-Oct-98	n/a	clear	0.02	33	14	n/a	n/a	0.996	38	n/a	75161
7018110	3	101 A-Wing A-23	Silicone	1000	316	24-Oct-98	n/a	clear	0.02	30	30	n/a	n/a	0.997	34	n/a	88169
7018110	3	101 A-Wing A-23	Silicone	1000	316	24-Oct-98	n/a	clear	0.02	31	22	n/a	n/a	0.997	28	n/a	83991
7018112	4	101 C Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.03	33	31	n/a	n/a	0.994	28	n/a	65161
7018112	4	101 C-Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.01	30	59	n/a	n/a	0.993	36	n/a	75966
7018113	5	101 C-Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.02	29	48	n/a	n/a	1.004	26	n/a	85152
7018113	5	101 C-Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.01	32	34	n/a	n/a	1.004	19	n/a	93508
7018114	6	101 C-Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.04	32	54	n/a	n/a	0.996	12	n/a	17664
7018114	6	101 C-Wing C-08	Silicone	750	241	24-Oct-98	n/a	clear	0.01	36	57	n/a	n/a	0.996	15	n/a	18187
120191	7	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.02	33	20	n/a	n/a	0.994	13	n/a	52000
120191	7	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.03	31	10	n/a	n/a	0.995	9	n/a	56600
120190	8	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.01	31	22	n/a	n/a	0.982	9	n/a	45579
120190	8	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.03	27	18	n/a	n/a	0.98	8	n/a	48306
120192	9	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.04	31	10	n/a	n/a	0.985	8	n/a	29400
120192	9	202 A-142	Silicone	500	288	22-Oct-98	n/a	clear	0.01	34	15	n/a	n/a	0.985	12	n/a	36800
43816	10	205 Rm103	Silicone	300	131	21-Oct-98	n/a	clear	0.02	33	42	n/a	n/a	0.997	3	n/a	44700
43817	11	205 Rm103	Silicone	300	131	21-Oct-98	n/a	clear	0.01	30	58	n/a	n/a	1.025	2	n/a	67300
4176720	12	206-101	Silicone	300	200	21-Oct-98	n/a	clear	0.01	33	26	n/a	n/a	0.992	24	n/a	211000
4176720	12	206-101	Silicone	300	200	21-Oct-98	n/a	clear	0.03	36	12	n/a	n/a	0.992	19	n/a	172000

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Serial Number	Unit Number	Location	Fluid	KVA	GALLONS	Date Sampled	Color D1500	Visual D1524	Acidity D974	Die KV D877	Water ppm D1533	IFT dyn/cm D971	Power Factor D924	Specific Gravity D1298	PCB ppm EPA 8080	D.G.A. D3612B	Perc ppm EPA 8080
4176719	13	206 Rm101	Silicone	300	200	21-Oct-98	n/a	clear	0.03	31.6	25	n/a	n/a	0.99	12	n/a	78242
4176719	13	206 Rm101	Silicone	300	200	21-Oct-98	n/a	clear	0.02	25.2	6	n/a	n/a	0.957	9	n/a	83427
4176721	14	206 Rm101	Silicone	300	200	21-Oct-98	n/a	clear	0.01	38	13	n/a	n/a	0.995	13	n/a	189000
4176721	14	206 Rm101	Silicone	300	200	21-Oct-98	n/a	clear	0.02	31.6	11	n/a	n/a	0.995	8	n/a	158800
3637847	15	220 Rm 500	Silicone	1000	275	22-Oct-98	n/a	clear	0.01	31.2	16	n/a	n/a	0.978	20	n/a	57000
3637847	15	220 Rm 500	Silicone	1000	275	22-Oct-98	n/a	clear	0.04	34	44	n/a	n/a	0.981	18	n/a	57000
3637855	16	220 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	36.4	47	n/a	n/a	0.986	37	n/a	60000
3637855	16	220 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.03	33.8	16	n/a	n/a	0.987	46	n/a	64000
3637849	17	220 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	34	29	n/a	n/a	0.983	50	n/a	140000
3637849	17	220 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.03	32.6	30	n/a	n/a	0.98	53	n/a	180000
3637850	18	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	27.6	41	n/a	n/a	0.957	19	n/a	13300
3637850	18	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.05	34	54	n/a	n/a	0.96	24	n/a	11800
3637848	19	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.03	29.4	15	n/a	n/a	0.978	21	n/a	65000
3637848	19	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	31	29	n/a	n/a	0.98	21	n/a	63000
3637857	20	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	32.4	17	n/a	n/a	0.985	28	n/a	48011
3637857	20	221 Rm500	Silicone	1000	275	22-Oct-98	n/a	clear	0.02	34.6	39	n/a	n/a	0.988	18	n/a	47883
3639922	21	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.03	27.2	7	n/a	n/a	0.988	18	n/a	66174
3639922	21	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.03	30.8	21	n/a	n/a	0.99	18	n/a	78339
3639923	22	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.01	30.6	13	n/a	n/a	0.995	36	n/a	45590
3639923	22	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.02	28.4	8	n/a	n/a	0.995	40	n/a	45552
3639924	23	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.02	28.6	5	n/a	n/a	0.987	28	n/a	42070
3639924	23	221 C-Wing C-09	Silicone	300	200	22-Oct-98	n/a	clear	0.01	34.4	7	n/a	n/a	0.986	39	n/a	43676
3637845	24	222 Rm 500	Silicone	750	248	23-Oct-98	n/a	clear	0.04	31	32	n/a	n/a	0.99	37	n/a	72000
3637845	24	222 Rm 500	Silicone	750	248	23-Oct-98	n/a	clear	0.02	30.6	18	n/a	n/a	0.99	46	n/a	71000

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3637844	25	222 Rm500	Silicone	750	248	23-Oct-98	n/a	clear	0.02	30	24	n/a	n/a	0.98	13	n/a	43400
3637844	25	222 Rm500	Silicone	750	248	23-Oct-98	n/a	clear	0.02	36	31	n/a	n/a	0.986	12	n/a	41900
3637843	26	222 Rm500	Silicone	750	248	23-Oct-98	n/a	clear	0.01	30	39	n/a	n/a	0.99	11	n/a	40500
3637843	26	222 Rm500	Silicone	750	248	23-Oct-98	n/a	clear	0.02	33.8	23	n/a	n/a	0.99	12	n/a	55300
3637856	27	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.01	30.8	22	n/a	n/a	0.987	26	n/a	86000
3637856	27	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.03	30.2	8	n/a	n/a	0.988	31	n/a	91000
3637854	28	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.01	34.6	25	n/a	n/a	0.985	26	n/a	44000
3637854	28	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.02	31	11	n/a	n/a	0.985	35	n/a	44000
3637851	29	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.02	30.4	11	n/a	n/a	0.981	31	n/a	78000
3637851	29	223 Rm500	Silicone	1000	275	23-Oct-98	n/a	clear	0.01	35	18	n/a	n/a	0.984	22	n/a	58000
3637840	30	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.04	35.4	55	n/a	n/a	0.99	21	n/a	46500
3637840	30	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.05	34	49	n/a	n/a	0.985	30	n/a	43400
3637841	31	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.03	33.2	45	n/a	n/a	0.987	47	n/a	18080
3637841	31	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.04	28	61	n/a	n/a	0.99	41	n/a	16060
3637842	32	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.03	34.2	33	n/a	n/a	0.99	48	n/a	43600
3637842	32	224 Rm500	Silicone	750	248	24-Oct-98	n/a	clear	0.02	34	43	n/a	n/a	0.992	47	n/a	50200
3637853	33	225 Rm 500	Silicone	1000	275	24-Oct-98	n/a	clear	0.05	29	54	n/a	n/a	0.985	36	n/a	61000
3637853	33	225 Rm 500	Silicone	1000	275	24-Oct-98	n/a	clear	0.02	28.4	23	n/a	n/a	0.986	19	n/a	68000
3637852	34	225 Rm500	Silicone	1000	275	24-Oct-98	n/a	clear	0.01	35	43	n/a	n/a	0.986	15	n/a	61000
3637852	34	225 Rm500	Silicone	1000	275	24-Oct-98	n/a	clear	0.02	25.8	28	n/a	n/a	0.985	15	n/a	57000
3637858	35	225 Rm500	Silicone	1000	275	24-Oct-98	n/a	clear	0.01	34.4	51	n/a	n/a	0.96	14	n/a	11691
3637858	35	225 Rm500	Silicone	1000	275	24-Oct-98	n/a	clear	0.03	29.4	11	n/a	n/a	0.96	12	n/a	13328
3637859	36	226 Rm500	Silicone	1500	447	24-Oct-98	n/a	clear	0.03	26.4	23	n/a	n/a	0.964	23	n/a	7830
3637859	36	226 R500	Silicone	1500	447	24-Oct-98	n/a	clear	0.01	37	29	n/a	n/a	0.958	17	n/a	7375

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3637860	37	226 Rm500	Silicone	1500	447	24-Oct-98	n/a	clear	0.04	31	23	n/a	n/a	0.976	12	n/a	39125
3637860	37	226 Rm500	Silicone	1500	447	24-Oct-98	n/a	clear	0.02	32.2	24	n/a	n/a	0.983	19	n/a	36933
3637861	38	226 Rm500	Silicone	1500	447	24-Oct-98	n/a	clear	0.01	33	30	n/a	n/a	0.976	14	n/a	24222
3637861	38	226 Rm500	Silicone	1500	447	24-Oct-98	n/a	clear	0.03	31.4	15	n/a	n/a	0.975	11	n/a	28633
XBR26132	39	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.01	34	32	n/a	n/a	0.966	81	n/a	9494
XBR26132	39	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.03	32.2	37	n/a	n/a	0.97	87	n/a	10296
XBR26133	40	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.01	35	33	n/a	n/a	0.966	82	n/a	7390
XBR26133	40	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.02	33.8	33	n/a	n/a	0.966	81	n/a	7379
XBR26131	41	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.03	33.2	33	n/a	n/a	0.995	19	n/a	49650
XBR26131	41	230 B-02	Silicone	750	277	26-Oct-98	n/a	clear	0.01	35	31	n/a	n/a	0.995	33	n/a	53201
XBR26121	42	230 B-02	Silicone	2000	597	26-Oct-98	n/a	clear	0.01	32	28	n/a	n/a	0.991	39	n/a	34300
XBR26121	42	230 B-02	Silicone	2000	597	26-Oct-98	n/a	clear	0.04	33.2	28	n/a	n/a	0.986	35	n/a	39108
4186450	43	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.04	33.6	20	n/a	n/a	0.997	34	n/a	53700
4186450	43	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.01	31	20	n/a	n/a	1	33	n/a	57900
4186451	44	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.03	29.8	26	n/a	n/a	0.979	21	n/a	57000
4186451	44	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.02	30	25	n/a	n/a	0.975	20	n/a	45000
4186452	45	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.01	35	29	n/a	n/a	0.976	7	n/a	47000
4186452	45	231 B-32	Silicone	1000	355	23-Oct-98	n/a	clear	0.04	29.4	29	n/a	n/a	0.98	7	n/a	57000
4183101	46	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.01	32	16	n/a	n/a	0.983	37	n/a	17480
4183101	46	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.02	33.4	12	n/a	n/a	0.982	50	n/a	13960
4183102	47	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.01	31	18	n/a	n/a	0.981	19	n/a	42200
4183102	47	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.03	37	16	n/a	n/a	0.982	16	n/a	48100
4183100	48	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.01	30	24	n/a	n/a	0.98	27	n/a	34200
4183100	48	231 B-32	Silicone	500	297	23-Oct-98	n/a	clear	0.03	30.6	30	n/a	n/a	0.98	25	n/a	38200

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4183161	49	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.01	34	19	n/a	n/a	0.975	31	n/a	63582
4183161	49	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.03	30.2	18	n/a	n/a	0.982	24	n/a	66728
4183160	50	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.01	35	31	n/a	n/a	0.98	12	n/a	35146
4183160	50	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.02	31.4	26	n/a	n/a	0.979	17	n/a	41324
4183162	51	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.03	28.4	16	n/a	n/a	0.976	35	n/a	61815
4183162	51	233 GVL	Silicone	225	147	23-Oct-98	n/a	clear	0.01	35	35	n/a	n/a	0.985	32	n/a	62669
1034464	52	235 B-100	Silicone	1500	402	23-Oct-98	n/a	clear	0.01	36	41	n/a	n/a	0.955	44	n/a	10
1034464	52	235 B-100	Silicone	1500	402	23-Oct-98	n/a	clear	0.02	31	10	n/a	n/a	0.956	48	n/a	16
14507	53	235 B-100	Silicone	1500	402	23-Oct-98	n/a	clear	0.01	35	29	n/a	n/a	0.952	15	n/a	4.3
14507	53	235 B-100	Silicone	1500	402	23-Oct-98	n/a	clear	0.03	35.6	35	n/a	n/a	0.954	14	n/a	3.8
7018075	54	245 A-Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.01	32	36	n/a	n/a	0.992	29	n/a	71689
7018075	54	245 A Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.02	33.4	14	n/a	n/a	0.99	17	n/a	61600
7018076	55	245 A-Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.02	27.4	14	n/a	n/a	0.966	32	n/a	69400
7018076	55	245 A-Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.01	27	18	n/a	n/a	0.987	15	n/a	16187
7018074	56	245 A-Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.01	31	24	n/a	n/a	0.98	36	n/a	45728
7018074	56	245 A-Wing Yard	Silicone	1500	402	21-Oct-98	n/a	clear	0.01	33.2	21	n/a	n/a	0.979	38	n/a	35800
7018078	57	Yard	Silicone	300	300	21-Oct-98	n/a	clear	0.02	36	25	n/a	n/a	0.999	18	n/a	100563
7018078	57	Yard	Silicone	300	300	21-Oct-98	n/a	clear	0.03	30.8	15	n/a	n/a	1	14	n/a	64600
7018079	58	245 A-Wing	Silicone	300	300	21-Oct-98	n/a	clear	0.01	38	12	n/a	n/a	0.96	14	n/a	430
7018079	58	245 A-Wing	Silicone	300	300	21-Oct-98	n/a	clear	0.03	32.6	7	n/a	n/a	0.96	16	n/a	460
7018077	59	245 A-Wing Yard	Silicone	300	300	21-Oct-98	n/a	clear	0.02	32.6	9	n/a	n/a	0.965	43	n/a	19800
7018077	59	245 A-Wing Yard	Silicone	300	300	21-Oct-98	n/a	clear	0.01	34	27	n/a	n/a	0.968	31	n/a	26213
7018106	60	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.02	32	32	n/a	n/a	0.98	21	n/a	53898
7018106	60	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.03	28	20	n/a	n/a	0.96	33	n/a	44813

The results shaded yellow indicate unacceptable levels!

infotest Laboratory Services Summary Report

Serial Number	Unit Number	Location	Fluid	KVA	GALLONS	Date Sampled	Color D1500	Visual D1524	Acidity D974	Die KV D877	Water ppm D1533	IFT dyn/cm D971	Power Factor D924	Specific Gravity D1298	PCB ppm EPA 8080	D.G.A. D3612B	Perc ppm EPA 8080
7018107	61	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.03	29.2	18	n/a	n/a	0.993	20	n/a	**57110**
7018107	61	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.02	31	35	n/a	n/a	0.992	19	n/a	**61533**
7018108	62	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.04	30	15	n/a	n/a	0.994	**48**	n/a	**63228**
7018108	62	245 B-Wing B-30	Silicone	1000	316	22-Oct-98	n/a	clear	0.01	33	30	n/a	n/a	0.99	**45**	n/a	**57423**
7018088	63	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.01	31	49	n/a	n/a	0.986	**44**	n/a	**65627**
7018088	63	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.04	28.4	21	n/a	n/a	0.99	**39**	n/a	**45016**
7018087	64	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.01	32	36	n/a	n/a	0.998	**53**	n/a	**54707**
7018087	64	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.03	31.6	18	n/a	n/a	0.998	**55**	n/a	**57168**
7018086	65	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.03	34.6	14	n/a	n/a	0.99	**70**	n/a	**47514**
7018086	65	245 B-Wing B-30	Silicone	500	500	22-Oct-98	n/a	clear	0.01	32	24	n/a	n/a	0.99	**70**	n/a	**48858**
63K10667	66	245 B-Wing B-30	Silicone	500	240	22-Oct-98	n/a	clear	0.01	36	28	n/a	n/a	0.985	**41**	n/a	**38400**
63K10667	66	245 B-Wing B-30	Silicone	500	240	22-Oct-98	n/a	clear	0.04	29.4	28	n/a	n/a	0.985	**40**	n/a	**35400**
7018070	67	245 C-Wing FA-2	Silicone	300	181	22-Oct-98	n/a	clear	0.03	34.8	**158**	n/a	n/a	0.96	14	n/a	808
7018070	67	245 C-Wing FA-2	Silicone	300	181	22-Oct-98	n/a	clear	0.04	35	17	n/a	n/a	0.96	13	n/a	1600
7018071	68	245 C-Wing C-34	Silicone	300	181	22-Oct-98	n/a	clear	0.02	35	45	n/a	n/a	1.005	21	n/a	**21013**
7018071	68	245 C-Wing C-34	Silicone	300	181	22-Oct-98	n/a	clear	0.02	32	54	n/a	n/a	1	15	n/a	**20022**
7018072	69	245 C-Wing C-34	Silicone	300	181	22-Oct-98	n/a	clear	0.03	34.4	18	n/a	n/a	1	**51**	n/a	**56800**
7018072	69	245-C-Wing C-34	Silicone	300	181	22-Oct-98	n/a	clear	0.03	38	38	n/a	n/a	0.999	**79**	n/a	**63400**
7018085	70	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.01	32	25	n/a	n/a	1.001	**37**	n/a	**60928**
7018085	70	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.02	29.4	10	n/a	n/a	1.004	27	n/a	**52685**
7018084	71	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.01	34	24	n/a	n/a	0.96	33	n/a	**43700**
7018084	71	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.03	32.8	13	n/a	n/a	1.002	29	n/a	**60387**
7018083	72	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.02	33	12	n/a	n/a	1.002	22	n/a	**60400**
7018083	72	245 C-Wing C-34	Silicone	225	178	22-Oct-98	n/a	clear	0.03	39	24	n/a	n/a	1.003	21	n/a	**59487**

The results shaded yellow indicate unacceptable levels!

infotest Laboratory Services Summary Report

Serial Number	Unit Number	Location	Fluid	KVA	GALLONS	Date Sampled	Color D1500	Visual D1524	Acidity D974	Die KV D877	Water ppm D1533	IFT dyn/cm D971	Power Factor D924	Specific Gravity D1298	PCB ppm EPA 8080	D.G.A. D3612B	Perc ppm EPA 8080
7018120	73	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.04	27	89	n/a	n/a	0.995	22	n/a	**46334**
7018120	73	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.01	31	86	n/a	n/a	0.994	19	n/a	**44694**
7018119	74	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.05	29.4	46	n/a	n/a	0.982	**46**	n/a	**48203**
7018119	74	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.01	31	44	n/a	n/a	0.982	23	n/a	**48805**
7018118	75	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.02	30	47	n/a	n/a	0.966	**50**	n/a	**81686**
7018118	75	301 A-141	Silicone	750	241	23-Oct-98	n/a	clear	0.02	33	40	n/a	n/a	0.965	**50**	n/a	**17981**
120197	76	302 Yard	Silicone	1500	486	21-Oct-98	n/a	clear	0.01	28	47	n/a	n/a	0.975	7	n/a	**26680**
120197	76	302 Yard	Silicone	1500	486	21-Oct-98	n/a	clear	0.03	29.4	24	n/a	n/a	0.976	9	n/a	**31508**
120196	77	302	Silicone	1500	486	21-Oct-98	n/a	clear	0.03	29.6	8	n/a	n/a	0.958	6	n/a	118
120196	77	302	Silicone	1500	486	21-Oct-98	n/a	clear	0.01	34	19	n/a	n/a	0.956	8	n/a	168
120198	78	302	Silicone	1500	486	21-Oct-98	n/a	clear	0.03	35	10	n/a	n/a	0.972	13	n/a	**25570**
120198	78	302	Silicone	1500	486	21-Oct-98	n/a	clear	0.005	34	9	n/a	n/a	0.97	16	n/a	**16456**
120306	79	302 FA-4 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.04	32	48	n/a	n/a	0.98	16	n/a	**53000**
120306	79	302 FA-4 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.01	33	49	n/a	n/a	0.98	23	n/a	**61000**
120308	80	302 FB-5 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.05	32.8	43	n/a	n/a	0.975	22	n/a	**46000**
120308	80	302 FB-5 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.01	35	38	n/a	n/a	0.981	17	n/a	**34110**
120309	82	302 FD-7 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.03	31.2	32	n/a	n/a	0.974	**61**	n/a	**28000**
120309	82	302 FD-7 Yard	Silicone	2500	660	21-Oct-98	n/a	clear	0.01	34	33	n/a	n/a	0.972	**85**	n/a	**42000**
7018116	83	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.01	33	42	n/a	n/a	0.971	**53**	n/a	8338
7018116	83	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.02	29.2	38	n/a	n/a	0.97	**37**	n/a	**11602**
7018117	84	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.03	31.4	33	n/a	n/a	1.001	14	n/a	**51848**
7018117	84	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.01	32	28	n/a	n/a	1.005	16	n/a	**51615**
7018115	85	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.01	33	58	n/a	n/a	0.967	**53**	n/a	**13881**
7018115	85	304 B-16	Silicone	750	241	23-Oct-98	n/a	clear	0.03	30.2	29	n/a	n/a	0.968	**57**	n/a	**13525**

The results shaded yellow indicate unacceptable levels!

infotest Laboratory Services Summary Report

Serial Number	Unit Number	Location	Fluid	KVA	GALLONS	Date Sampled	Color D1500	Visual D1524	Acidity D974	Die KV D877	Water ppm D1533	IFT dyn/cm D971	Power Factor D924	Specific Gravity D1298	PCB ppm EPA 8080	D.G.A. D3612B	Perc ppm EPA 8080
120193	86	305 AUL	Silicone	1000	418	21-Oct-98	n/a	clear	0.02	27	7	n/a	n/a	0.975	23	n/a	**24800**
120193	86	305 AUL	Silicone	1000	418	21-Oct-98	n/a	clear	0.03	36	23	n/a	n/a	0.983	22	n/a	**32907**
120195	87	305 AUL	Silicone	1000	418	21-Oct-98	n/a	clear	0.01	33	40	n/a	n/a	0.978	7	n/a	**37487**
120195	87	305 AUL	Silicone	1000	418	21-Oct-98	n/a	clear	0.02	30.2	11	n/a	n/a	0.982	5	n/a	**20700**
190194	88	305 FC-1	Silicone	1000	418	26-Oct-98	n/a	clear	0.03	34.8	41	n/a	n/a	0.976	26	n/a	2490
190194	88	305 FC-1	Silicone	1000	418	26-Oct-98	n/a	clear	0.01	32	37	n/a	n/a	0.96	**44**	n/a	**13822**
M-155380	89	n/a	Mineral Oil	1500	284	26-Oct-98	1	clear	0.04	35	10	30	n/a	0.87	BDL	n/a	n/a
M-155380	89	n/a	Mineral Oil	1500	284	26-Oct-98	1	clear	0.06	35	6	31	n/a	0.87	BDL	n/a	n/a

The results shaded yellow indicate unacceptable levels!

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TRANSFORMER INSPECTION ANALYTICAL REPORT FOR: National Institute of Standards and Technology

Contact: Vinh Nguyen
Phone: 301-975-6948
Fax: 301-975-6684

Serial Number:	120192	Unit Number:	9	Location:	202 A-142

Sub Area	indoor	Equipment Type	Transformer	Oil Filled Switch	no
Hose Length	50' feet	Pop Top	no	Oil Circuit Breaker	n/a
Power Avail.	n/a volts	Regulator	no	Tap Compartment	no

Nameplate Data:

Manufacturer	Federal Pacific	Primary Voltage	13750	Liquid Weight	3130	Oil Switch Gal	no
Serial Number	120192	Sec Voltage	480y/277	Prim Bush	gasketed	Tap Comp Gal	no
KVA	500	Phase	3	Sec Bush	gasketed	Amperage	n/a
Liquid Type	Silicone	Liquid Gallons	288	T - Number	9	Interrupting Capa	n/a
Humidity	n/a	Gross Weight	11805	OCB Gallons	n/a		

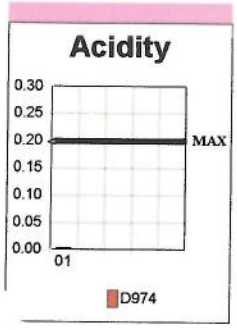
Equipment Data:

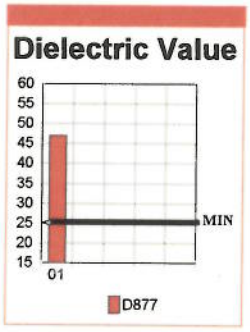
Liquid Level	+25 oC	Oil Filled Bush	no	Cons Tank	no	Total Height	6'
Indicating Temp	32 oC	Fans	no	Tap Changer	top	Total Width	5'
Peak Temp	34 oC	Water-cooled	no	Paint	fair	Total Depth	5'
Pressure	+1/4 lb	Welded Lid	yes	Top Valve Dia	1"	Top Mount Bush	yes
Nitrogen Tap	yes	Radiators	yes	Bot Valve Dia	1"	Removable Radiators	no

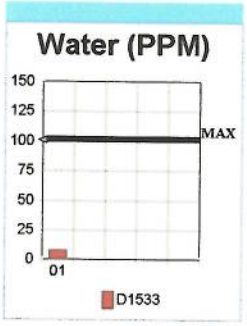
Inspection Report	Recommended Transformer Services
1. Oil qualities are within acceptable levels.	1. Sample for preventive maintenance in one year.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.
7.	7.

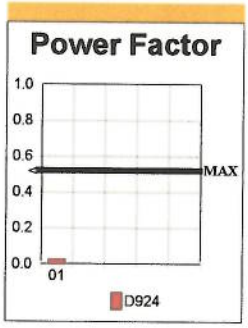
Fluid Analysis:

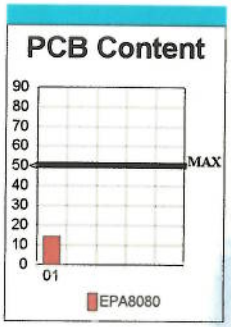
	Sample Date	Color D1500	Visual D1524	Acidity D974	Dielectric KV D877	Water ppm D1533	IFT dynes/cm D971	Power fac @100c D924	Specific Gravity D1298	PCB ppm EPA8080	Furan dp D5837	Remaining life % D5837	Dehy-drate	Reclaim/ Retrofill	Schedule Re-sample
1	26-Feb-2001	n/a	clear	0.003	47	8	n/a	0.027	0.965	14	795	93%			02/26/2002
2															
3															
4															
5															











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DISSOLVED GAS ANALYSIS REPORT FOR:

Nat'l Institute of Standards and Technology

Contact: **Vinh Nguyen**
Phone: **301-975-6948**

Serial Number: 120192 | **Unit Number: 9** | **Location: 202 A-142**

Sub Area	indoor	*Equipment Type*	Transformer	*Oil Filled Switch*	no
Hose Length	50' feet	*Pop Top*	no	*Oil Circuit Breaker*	n/a
Power Available	n/a volts	*Regulator*	no	*Tap Compartment*	no

Nameplate Data:

Manufacturer	Federal Pacific	*Primary Voltage*	13750	*Liquid Weight*	3130	*Oil Switch Gallons*	no
Serial Number	120192	*Sec Voltage*	480y/277	*Primary bushing*	gasketed	*Tap Comp Gallons*	9
KVA	500	*Phase*	3	*Sec Bushing*	gasketed	*Amperage*	n/a
Liquid Type	Silicone	*Liquid Gallons*	288	*T - Number*	9	*Interrupting Capacity*	n/a
Humidity	n/a	*Gross Weight*	11805	*OCB Gallons*	n/a		

Equipment Data:

Liquid Level	+25 oC	*Oil Filled Bushing*	no	*Conservator Tank*	no	*Total Height*	6'
Indicating Temp	32 oC	*Fans*	no	*Tap Changer*	top	*Total Width*	5'
Peak Temp	34 oC	*Water-cooled*	no	*Paint*	fair	*Total Depth*	5'
Pressure	+1/4 lb	*Welded Lid*	yes	*Top Valve Dia*	1"	*Top Mount Bushings*	yes
Nitrogen Tap	yes	*Radiators*	yes	*Bot Valve Dia*	1"	*Removable Radiators*	no

Inspection Report

1. All gases are within acceptable levels.
2.
3.
4.
5.
6.
7.

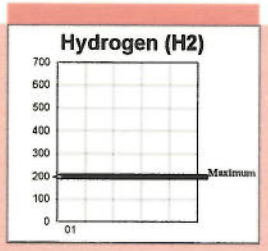
Recommended Transformer Services

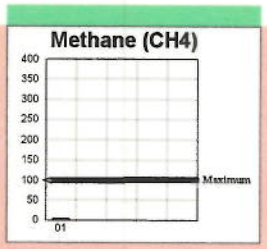
1. Sample for preventive maintenance in one year.
2.
3.
4.
5.
6.
7.

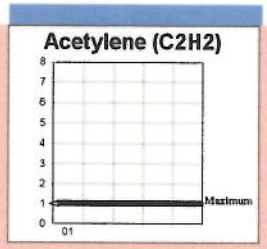
Fluid Analysis:

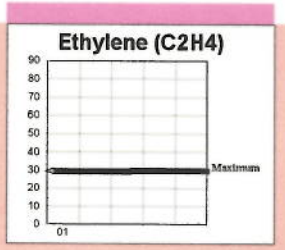
	Sample Date	Hydrogen	Methane	Acetylene	Ethylene	Ethane	Carbon Monoxide	Carbon Dioxide	Oxygen	Nitrogen	Total Comb Dissolved Gas	Comb Dissov. Gas Percent	Total Content	De-gas/ Retrofill	Schedule Re-sample
1	26-Feb-2001	1	4	<1	<1	<1	94	1716	49971	128302	99	0.01 %	180068		26-Feb-2002
2															
3															
4															
5															

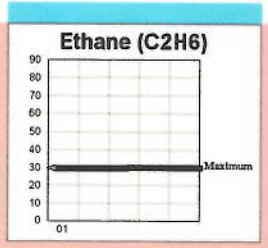
Combustible Gasses

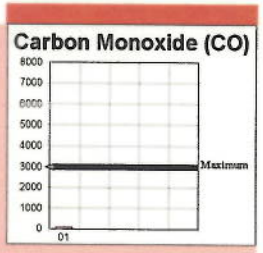


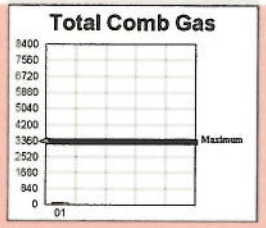




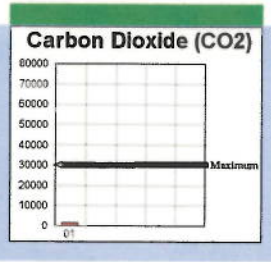


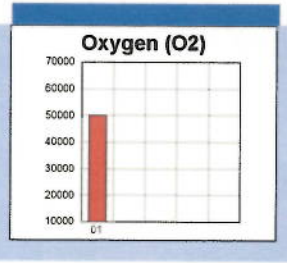


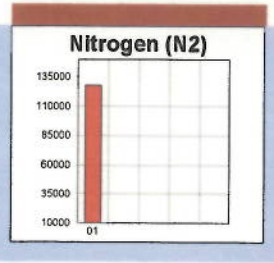


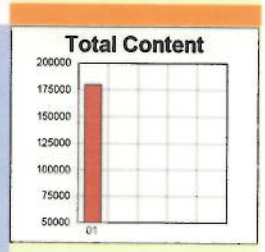


NON-Combustible Gases









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TRANSFORMER INSPECTION ANALYTICAL REPORT FOR: National Institute of Standards and Technology

Contact: Vinh Nguyen
Phone: 301-975-6948
Fax: 301-975-6684

Serial Number:	14507	Unit Number:	53	Location:	235 B-100

Sub Area	indoor	Equipment Type	Transformer	Oil Filled Switch	no
Hose Length	25' feet	Pop Top	no	Oil Circuit Breaker	n/a
Power Avail.	n/a volts	Regulator	no	Tap Compartment	no

Nameplate Data:

Manufacturer	ITE	Primary Voltage	13750	Liquid Weight	5100	Oil Switch Gal	no
Serial Number	14507	Sec Voltage	480y/277	Prim Bush	gasketed	Tap Comp Gal	no
KVA	1500	Phase	3	Sec Bush	gasketed	Amperage	n/a
Liquid Type	Silicone	Liquid Gallons	390	T - Number	53	Interrupting Cap	n/a
Humidity	n/a	Gross Weight	17000	OCB Gallons	n/a		

Equipment Data:

Liquid Level	+25 oC	Oil Filled Bush	no	Cons Tank	no	Total Height	7'
Indicating Temp	60 oC	Fans	no	Tap Changer	top	Total Width	5'
Peak Temp	60 oC	Water-cooled	no	Paint	fair	Total Depth	5'
Pressure	1/2 lb	Welded Lid	yes	Top Valve Dia	1"	Top Mount Bush	no
Nitrogen Tap	yes	Radiators	yes	Bot Valve Dia	1"	Removable Radiators	no

Inspection Report

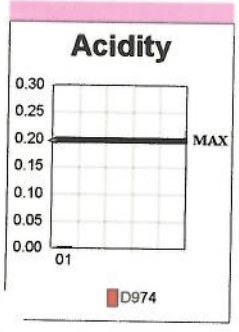
1. Oil qualities are within acceptable levels.
2.
3.
4.
5.
6.
7.

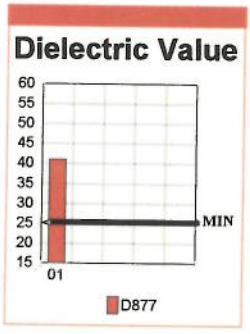
Recommended Transformer Services

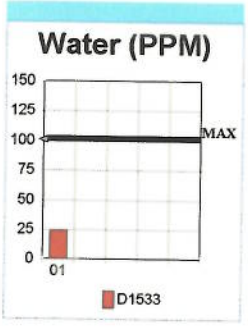
1. Sample for preventive maintenance in one year.
2.
3.
4.
5.
6.
7.

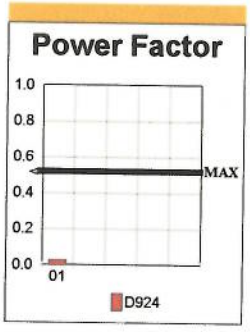
Fluid Analysis:

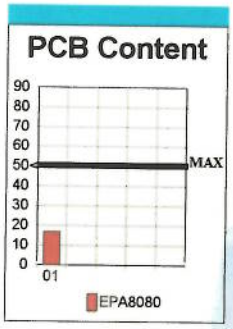
	Sample Date	Color D1500	Visual D1524	Acidity D974	Dielectric KV D877	Water ppm D1533	IFT dynes/cm D971	Power fac @100c D924	Specific Gravity D1298	PCB ppm EPA8080	Furan dp D5837	Remaining life % D5837	Dehy-drate	Reclaim/ Retrofill	Schedule Re-sample
1	27-Feb-2001	n/a	clear	0.003	41	24	n/a	0.025	0.961	17	920	98%			02/27/2002
2															
3															
4															
5															











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DISSOLVED GAS ANALYSIS REPORT FOR:

Nat'l Institute of Standards and Technology

Contact: **Vinh Nguyen**
Phone: **301-975-6948**

Serial Number: 14507 **Unit Number: 53** **Location: 235 B-100**

Sub Area	indoor	*Equipment Type*	Transformer	*Oil Filled Switch*	no
Hose Length	25' feet	*Pop Top*	no	*Oil Circuit Breaker*	n/a
Power Available	n/a volts	*Regulator*	no	*Tap Compartment*	no

Nameplate Data:

Manufacturer	ITE	*Primary Voltage*	13750	*Liquid Weight*	5100	Oil Switch Gallons	no
Serial Number	14507	*Sec Voltage*	480y/277	*Primary bushing*	gasketed	Tap Comp Gallons	53
KVA	1500	*Phase*	3	*Sec Bushing*	gasketed	*Amperage*	n/a
Liquid Type	Silicone	*Liquid Gallons*	390	*T - Number*	53	*Interrupting Capacity*	n/a
Humidity	n/a	*Gross Weight*	17000	*OCB Gallons*	n/a		

Equipment Data:

Liquid Level	+25 oC	*Oil Filled Bushing*	no	*Conservator Tank*	no	*Total Height*	7'
Indicating Temp	60 oC	*Fans*	no	*Tap Changer*	top	*Total Width*	5'
Peak Temp	60 oC	*Water-cooled*	no	*Paint*	fair	*Total Depth*	5'
Pressure	1/2 lb	*Welded Lid*	yes	*Top Valve Dia*	1"	*Top Mount Bushings*	no
Nitrogen Tap	no	*Radiators*	yes	*Bot Valve Dia*	1"	*Removable Radiators*	no

Inspection Report

1. All gases are within acceptable levels.
2.
3.
4.
5.
6.
7.

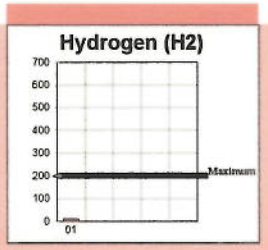
Recommended Transformer Services

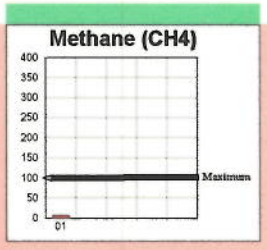
1. Sample for preventive maintenance in one year.
2.
3.
4.
5.
6.
7.

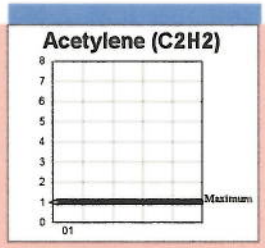
Fluid Analysis:

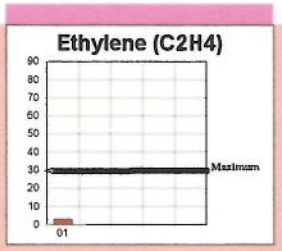
	Sample Date	Hydrogen	Methane	Acetylene	Ethylene	Ethane	Carbon Monoxide	Carbon Dioxide	Oxygen	Nitrogen	Total Comb Dissolved Gas	Comb Dissov. Gas Percent	Total Content	De-gas/ Retrofill	Schedule Re-sample
1	27-Feb-2001	13	7	<1	3	3	685	11130	37303	154140	711	0.07 %	203284		27-Feb-2002
2															
3															
4															
5															

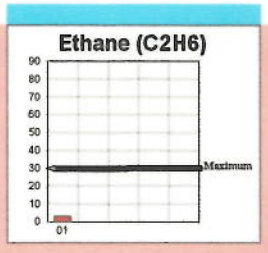
Combustible Gasses

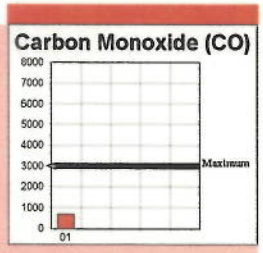


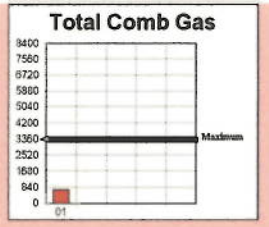




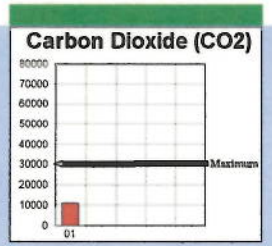


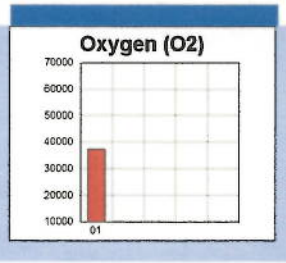


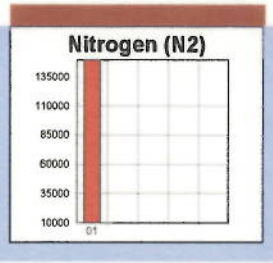


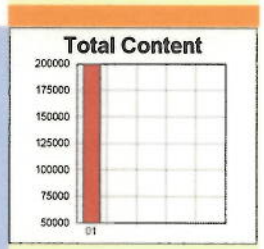


NON-Combustible Gases









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TRANSFORMER INSPECTION ANALYTICAL REPORT FOR: National Institute of Standards and Technology

Contact: Vinh Nguyen
Phone: 301-975-6948
Fax: 301-975-6684

Serial Number:	3637840	Unit Number:	30	Location:	224 Rm 500

Sub Area	indoor	Equipment Type	Transformer	Oil Filled Switch	yes
Hose Length	100' feet	Pop Top	no	Oil Circuit Breaker	n/a
Power Avail.	n/a volts	Regulator	no	Tap Compartment	no

Nameplate Data:

Manufacturer	Allis Chalmers	Primary Voltage	13750	Liquid Weight	3225	Oil Switch Gal	yes
Serial Number	3637840	Sec Voltage	480y/277	Prim Bush	gasketed	Tap Comp Gal	no
KVA	750	Phase	3	Sec Bush	gasketed	Amperage	n/a
Liquid Type	Silicone	Liquid Gallons	227	T - Number	30	Interrupting Cap	n/a
Humidity	n/a	Gross Weight	11000	OCB Gallons	n/a		

Equipment Data:

Liquid Level	+25 oC	Oil Filled Bush	no	Cons Tank	no	Total Height	5'
Indicating Temp	40 oC	Fans	no	Tap Changer	top	Total Width	6'
Peak Temp	45 oC	Water-cooled	no	Paint	fair	Total Depth	5'
Pressure	+1/2 lb	Welded Lid	yes	Top Valve Dia	1"	Top Mount Bush	no
Nitrogen Tap	yes	Radiators	yes	Bot Valve Dia	1"	Removable Radiators	no

Inspection Report

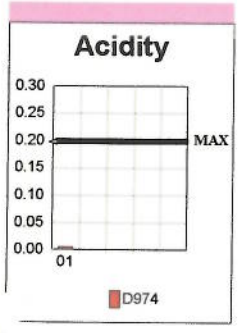
1. Oil qualities are within acceptable levels.
2.
3.
4.
5.
6.
7.

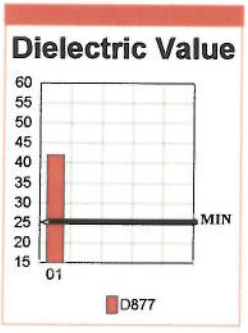
Recommended Transformer Services

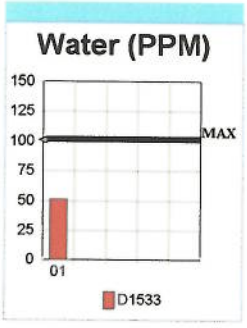
1. Sample for preventive maintenance in one year.
2.
3.
4.
5.
6.
7.

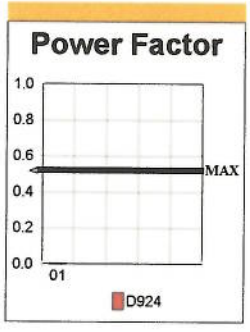
Fluid Analysis:

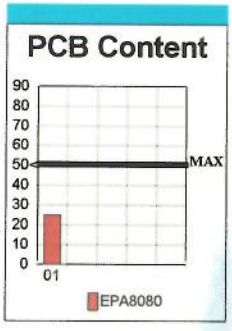
	Sample Date	Color D1500	Visual D1524	Acidity D974	Dielectric KV D877	Water ppm D1533	IFT dynes/cm D971	Power fac @100c D924	Specific Gravity D1298	PCB ppm EPA8080	Furan dp D5837	Remaining life % D5837	Dehy-drate	Reclaim/ Retrofill	Schedule Re-sample
1	28-Feb-2001	n/a	clear	0.005	42	51	n/a	0.007	0.999	25	663	84%			02/28/2002
2															
3															
4															
5															











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DISSOLVED GAS ANALYSIS REPORT FOR:

National Institute of Standards and Technology

Contact: **Vinh Nguyen**
Phone: **301-975-6948**

Serial Number: 3637840 | **Unit Number: 30** | **Location: 224 Rm 500**

Sub Area	indoor	Equipment Type	Transformer	Oil Filled Switch	yes
Hose Length	100' feet	Pop Top	no	Oil Circuit Breaker	n/a
Power Available	n/a volts	Regulator	no	Tap Compartment	no

Nameplate Data:

Manufacturer	Allis Chalmers	Primary Voltage	13750	Liquid Weight	3225	Oil Switch Gallons	yes
Serial Number	3637840	Sec Voltage	480y/277	Primary bushing	gasketed	Tap Comp Gallons	30
KVA	750	Phase	3	Sec Bushing	gasketed	Amperage	n/a
Liquid Type	Silicone	Liquid Gallons	227	T - Number	30	Interrupting Capacity	n/a
Humidity	n/a	Gross Weight	11000	OCB Gallons	n/a		

Equipment Data:

Liquid Level	+25 oC	Oil Filled Bushing	no	Conservator Tank	no	Total Height	5'
Indicating Temp	40 oC	Fans	no	Tap Changer	top	Total Width	6'
Peak Temp	45 oC	Water-cooled	no	Paint	fair	Total Depth	5'
Pressure	+1/2 lb	Welded Lid	yes	Top Valve Dia	1"	Top Mount Bushings	no
Nitrogen Tap	yes	Radiators	yes	Bot Valve Dia	1"	Removable Radiators	no

Inspection Report

1. Carbon dioxide is above maximum acceptable level.
2.
3.
4.
5.
6.
7.

Recommended Transformer Services

1. Resample in 90 days to develop trend analysis.
2. Monitor temperature to prevent further thermal degradation of insulating fluid.
3. Degas or retrofill of insulating fluid is recommended.
4.
5.
6.
7.

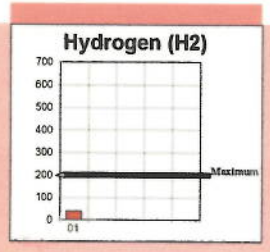
Fluid Analysis:

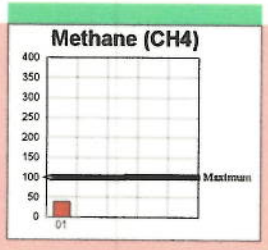
	Sample Date	Hydrogen	Methane	Acetylene	Ethylene	Ethane	Carbon Monoxide	Carbon Dioxide	Oxygen	Nitrogen
1	28-Feb-2001	40	40	<1	<1	<1	1421	30917	10061	165726
2										
3										
4										
5										

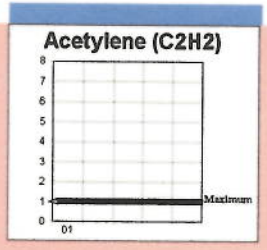
Total Comb Dissolved Gas	Comb Dissov. Gas Percent	Total Content
1501	0.13 %	208205

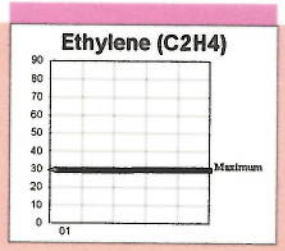
De-gas/ Retrofill	Schedule Re-sample
X	29-May-2001

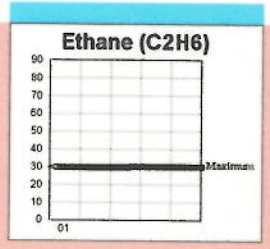
Combustible Gasses

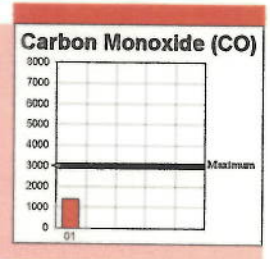


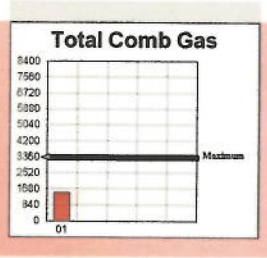




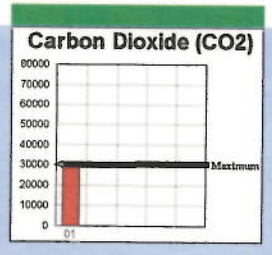


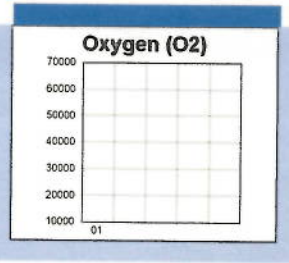


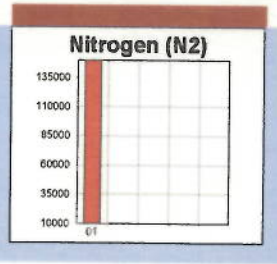


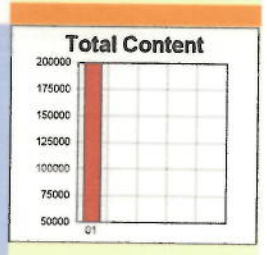


NON-Combustible Gases









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TRANSFORMER INSPECTION ANALYTICAL REPORT FOR: National Institute of Standards and Technology

Contact: Vinh Nguyen
Phone: 301-975-6948
Fax: 301-975-6684

Serial Number:	3637842	Unit Number:	32	Location:	224 Rm 500

Sub Area	indoor	Equipment Type	Transformer	Oil Filled Switch	yes
Hose Length	100' feet	Pop Top	no	Oil Circuit Breaker	n/a
Power Avail.	n/a volts	Regulator	no	Tap Compartment	no

Nameplate Data:

Manufacturer	Allis Chalmers	Primary Voltage	13750	Liquid Weight	3225	Oil Switch Gal	yes
Serial Number	3637842	Sec Voltage	480y/277	Prim Bush	gasketed	Tap Comp Gal	no
KVA	750	Phase	3	Sec Bush	gasketed	Amperage	n/a
Liquid Type	Silicone	Liquid Gallons	227	T - Number	32	Interrupting Cap	n/a
Humidity	n/a	Gross Weight	11000	OCB Gallons	n/a		

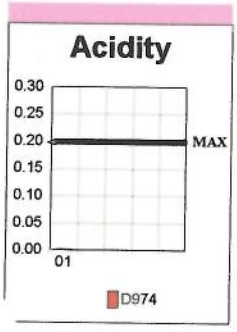
Equipment Data:

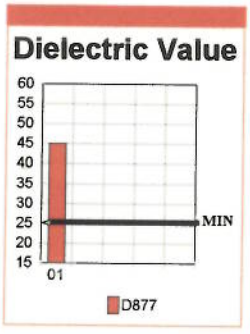
Liquid Level	+25 oC	Oil Filled Bush	no	Cons Tank	no	Total Height	5'
Indicating Temp	42 oC	Fans	no	Tap Changer	top	Total Width	6'
Peak Temp	45 oC	Water-cooled	no	Paint	fair	Total Depth	5'
Pressure	+1 lb	Welded Lid	yes	Top Valve Dia	1"	Top Mount Bush	no
Nitrogen Tap	yes	Radiators	yes	Bot Valve Dia	1"	Removable Radiators	no

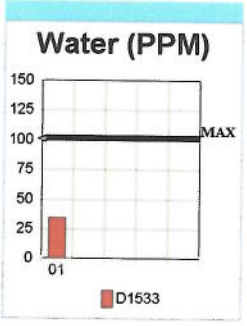
Inspection Report	Recommended Transformer Services
1. PCB content is approaching maximum acceptable level.	1. Sample for PCB content in one year.
2.	2.
3.	3
4.	4
5.	5
6.	6
7.	7

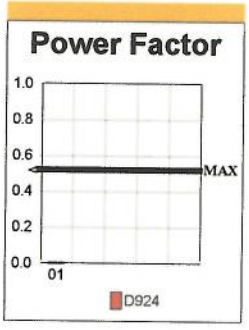
Fluid Analysis:

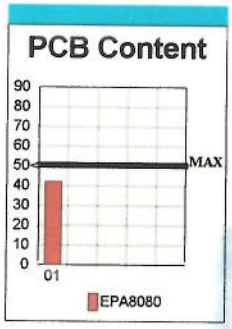
	Sample Date	Color D1500	Visual D1524	Acidity D974	Dielectric KV D877	Water ppm D1533	IFT dynes/cm D971	Power fac @100c D924	Specific Gravity D1298	PCB ppm EPA8080	Furan dp D5837	Remaining life % D5837	Dehy-drate	Reclaim/ Retrofill	Schedule Re-sample
1	28-Feb-2001	n/a	clear	0.002	45	34	n/a	0.007	0.995	42	742	89%			02/28/2002
2															
3															
4															
5															











DISSOLVED GAS ANALYSIS REPORT FOR:

National Institute of Standards and Technol

Contact: **Vinh Nguyen**
Phone: **301-975-6948**

Serial Number: 3637842 **Unit Number: 32** **Location: 224 Rm 500**

Sub Area	indoor	*Equipment Type*	Transformer	*Oil Filled Switch*	yes
Hose Length	100' feet	*Pop Top*	no	*Oil Circuit Breaker*	n/a
Power Available	n/a volts	*Regulator*	no	*Tap Compartment*	no

Nameplate Data:

Manufacturer	Allis Chalmers	*Primary Voltage*	13750	*Liquid Weight*	3225	Oil Switch Gallons	yes
Serial Number	3637842	*Sec Voltage*	480y/277	*Primary bushing*	gasketed	Tap Comp Gallons	32
KVA	750	*Phase*	3	*Sec Bushing*	gasketed	*Amperage*	n/a
Liquid Type	Silicone	*Liquid Gallons*	227	*T - Number*	32	*Interrupting Capacity*	n/a
Humidity	n/a	*Gross Weight*	11000	*OCB Gallons*	n/a		

Equipment Data:

Liquid Level	+25 oC	*Oil Filled Bushing*	no	*Conservator Tank*	no	*Total Height*	5'
Indicating Temp	42 oC	*Fans*	no	*Tap Changer*	top	*Total Width*	6'
Peak Temp	45 oC	*Water-cooled*	no	*Paint*	fair	*Total Depth*	5'
Pressure	+1 lb	*Welded Lid*	yes	*Top Valve Dia*	1"	*Top Mount Bushings*	no
Nitrogen Tap	yes	*Radiators*	yes	*Bot Valve Dia*	1"	*Removable Radiators*	no

Inspection Report

1. All gases are within acceptable levels.
2.
3.
4.
5.
6.
7.

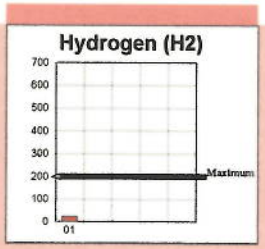
Recommended Transformer Services

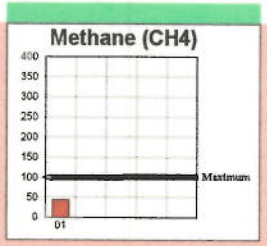
1. Sample for preventive maintenance in one year.
2.
3.
4.
5.
6.
7.

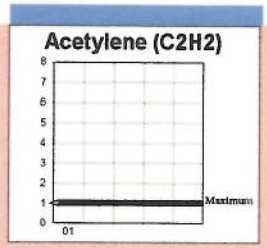
Fluid Analysis:

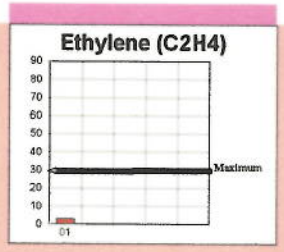
	Sample Date	Hydrogen	Methane	Acetylene	Ethylene	Ethane	Carbon Monoxide	Carbon Dioxide	Oxygen	Nitrogen	Total Comb Dissolved Gas	Comb Dissov. Gas Percent	Total Content	De-gas/ Retrofill	Schedule Re-sample
1	28-Feb-2001	22	44	<1	3	3	769	14086	9577	177977	841	0.07 %	202481		28-Feb-2002
2															
3															
4															
5															

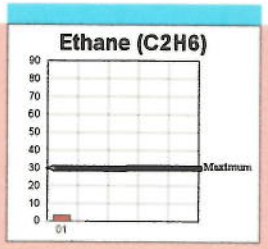
Combustible Gasses

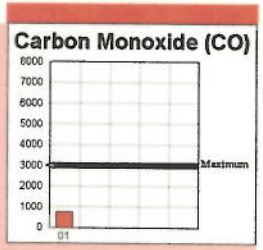


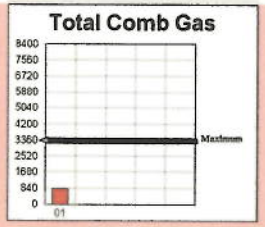
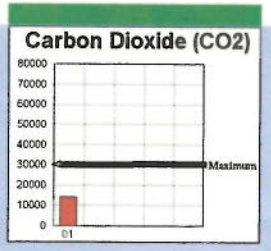
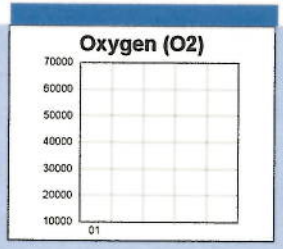
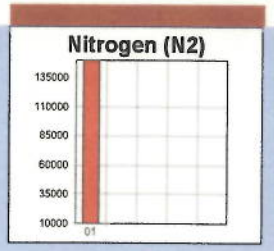
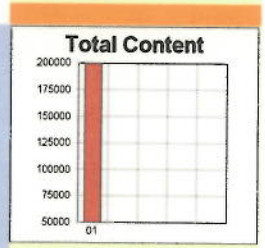












NON-Combustible Gases