Tannery Wells and Barge Dock

Kemron℠ Environmental Services Division

235 Second Street
Marietta, Ohio 45750
Telephone (614) 374-2222

Sample Source Organic Oil

Collected by Union Carbide

For Union Carbide

P. O. Box 180

Sistersville, W. Va. 26175

Attn: Tom Jones

Report Date 1/18/79

Date Collected

Date Received 12/11/78

Date(s) Analyzed 1/15 - 1/18/79

Data Number 121178-1

Purchase Order Number

Results of Analysis

Sample	Total PCB's (as decachloro-biphenol)	1/15 -18/79/JW
1	<20 ppm	
2	<20 ppm	
3	<20 ppm	
4	<20 ppm	
5	<20 ppm	
6	40 ppm	
8	<20 ppm	
9	<20 ppm	
11	<20 ppm	
12	<20 ppm	

Analysis Number 78-110-01

Official Methods Used in This Analysis

Eugene M. Schaeffer
Laboratory Supervisor

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer General Electric Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. 0236368, Model/Style _____ Type _____

KVA Ratings: 5 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ___°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4160/7200 KV

~~Nominal Secondary Voltage (Mid Tap)~~ 120/240 ~~KV~~

Tap Changer: ___Yes, ✓ No; PRI _____ SEC _____

Tap Changing Under Load: ___Yes, ___No

Tap Voltages _____(1), _____(2), _____(3), _____(4)

_____(5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): 1, Oil 4 gallon, Dry _____,

Open _____, Sealed ✓, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: CPT Well # 2

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample # 1 - Tested for PCB content January 1979

MPM0000056

EPA004609

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer Standard Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. FFI 5820, Model/Style _____ Type KP23

KVA Ratings: 10 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4160/7200 ~~KV~~

Nominal Secondary Voltage (Mid Tap) 277 ~~KV~~

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4)

_____(5)

Primary Connection A Secondary Connection Y

Phase (1) or (3): 1, Oil 9 gallon, Dry _____,

Open _____, Sealed _____, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: East transformer, Barge facilities

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #2 - Tested for PCB content 1-79

MPM0000057

EPA004610

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer Standard Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. EEI 5822, Model/Style _____ Type XP73

KVA Ratings: 10 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ___°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4160/7200 ~~KV~~

Nominal Secondary Voltage (Mid Tap) 277 ~~KV~~

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4

_____(5)

Primary Connection Δ Secondary Connection Y

Phase (1) or (3): 1, Oil 9 gallon, Dry _____,

Open _____, Sealed ✓, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: Center Transformer - Barge facilities

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #3 - Tested for PCB content - January 1979

MPM0000058

EPA004611

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer Standard Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. EEI 5821, Model/Style _____ Type KP23

KVA Ratings: 10 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4160/7200 ~~KV~~

Nominal Secondary Voltage (Mid Tap) 277 ~~KV~~

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4),

_____(5)

Primary Connection Δ Secondary Connection Y

Phase (1) or (3): 1, Oil 9 gallon, Dry _____,

Open _____, Sealed ✓, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____(date) To _____(date)

DESCRIBE SERVICE: West Transformer - Barge facility

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #4 - Tested for PCB content - January 1979

MPM0000059

EPA004612

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer General Electric Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. K688462Y22, Model/Style _____ Type H3

KVA Ratings: 5 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4.16 KV

Nominal Secondary Voltage (Mid Tap) 0.120 KV

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4)

_____(5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): _____, Oil 4 gallon, Dry _____,

Open _____, Sealed ✓, Inert Blanket _____

Impedance % on Transformer Base KVA and KV 2.55

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: CPT - #3 Well

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #5 - Tested for PCB content - January 1979

MPM0000060

EPA004613

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer General Electric Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. J62350CY71, Model/Style _____ Type HS

KVA Ratings: 5 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4.16 KV

Nominal Secondary Voltage (Mid Tap) 0.12 KV

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4

_____(5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): _____, Oil _____, Dry _____,

Open _____, Sealed _____, Inert Blanket _____

Impedance % on Transformer Base KVA and KV 2.7

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: CPT - #4 Well

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #6 - Tested for PCB content - January 1979

MPM0000061

EPA004614

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer Westinghouse Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. 77A222262, Model/Style B4212A50VA Type _____

KVA Ratings: 50 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4,16 KV

Nominal Secondary Voltage (Mid Tap) 120/240 ~~KV~~

Tap Changer: ✓ Yes, ____ No; PRI ✓ SEC _____

Tap Changing Under Load: ____ Yes, ✓ No

Tap Voltages 3970 (1), 4065 (2), 4160 (3), 4270 (4), 4370 (5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): 1, Oil ✓, Dry _____,

Open _____, Sealed ✓, Inert Blanket _____

Impedance % on Transformer Base KVA and KV 1.9

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: Located on pole line to #1 Well

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #8 - Tested for PCB content - January 1979

MPM0000062

EPA004615

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer Westinghouse Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. 6598592, ~~Model~~/Style 1583543-A ~~Type~~ CAT# 34AL-001

KVA Ratings: 5 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ___°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4.16/7.2 KV

Nominal Secondary Voltage (Mid Tap) ~~4160/2~~ 120/240

Tap Changer: ____ Yes, ✓ No; PRI _____ SEC _____

Tap Changing Under Load: ____ Yes, ____ No

Tap Voltages _____ (1), _____ (2), _____ (3), _____ (4)

_____ (5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): 1, Oil 4 gallon, Dry _____,

Open _____, Sealed _____, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: CPT #1 Well

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample #9 - Tested for PCB content - January 1979

MPM0000063

EPA004616

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer UPTEGRAFF Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. 74745, Model/Style _____ Type D.T.

KVA Ratings: _____ KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4.16 KV

Nominal Secondary Voltage (Mid Tap) 0.240 KV

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4

_____(5)

Primary Connection _____ Secondary Connection Grounded delta

Phase (1) or (3): 3, Oil 23 gallon, Dry _____,

Open _____, Sealed _____, Inert Blanket _____

Impedance % on Transformer Base KVA and KV 1.6 at 70°

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: Power to screen house

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample # 11 - Tested for PCB content - January 1979

MPM0000064

EPA004617

TRANSFORMER DATA SHEET

Property No. _____ Equipment No. _____

Manufacturer General Electric Mounting: Pole ✓, Pad ____, Vault ____

Ser. No. _____, Model/Style 1H1540/ Type _____

KVA Ratings: 5 KVA, OA @ 55°C; _____ KVA, OA @ 65°C;

_____ KVA, AA @ ____°C; _____ KVA, FA @ 65°C

Nominal Primary Voltage (Mid Tap) 4.16 KV

Nominal Secondary Voltage (Mid Tap) 120/240 ~~KV~~

Tap Changer: ____Yes, ____No; PRI _____ SEC _____

Tap Changing Under Load: ____Yes, ____No

Tap Voltages _____(1), _____(2), _____(3), _____(4

_____(5)

Primary Connection _____ Secondary Connection _____

Phase (1) or (3): 1, Oil 4 gallon, Dry _____,

Open _____, Sealed _____, Inert Blanket _____

Impedance % on Transformer Base KVA and KV _____

No Load Losses _____ KW, Copper Losses _____ KW

In Service From _____ (date) To _____ (date)

DESCRIBE SERVICE: Parking Lot Lighting

Perform Maintenance as described in UCC Standard "Maintenance Guide 105".

Sample # 12 - Tested for PCB content January 1979

MPM0000065

EPA004618

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

P. O. BOX 4724, AKRON, OH 44310

0023

CUST [illegible] CARBIDE ERPH DIC DV CITY SISTERSVILLE WV
SUB NAME [illegible] UNIT # OTHER

ID # 39080000 DATE PRINTED 11/02/87
LOCATION 00T0009/ PLATFORM 18 FEET

NAMEPLATE DATA

MFG.	[illegible]	EQUIP. TYPE	TRANSFORMER
DATE MFG.		TRANS CLASS	[illegible]
S/N	[illegible]	IMPEDANCE	
KVA	[illegible]	PHASE/CYCLE	[illegible]
PRI	[illegible]	LIQUID TYPE	OIL
SEC	[illegible]	GAL LIQUID	10

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	STDC
OIL PUMPS	NO	HOSE LENGTH	35 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	POP TOP		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/13/87			8		8

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP. GR.	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

DATE	SERVICE	HYDROGEN	OXYGEN	NITROGEN	METHANE	CARBON MONOXIDE	CARBON DIOXIDE	ETHANE	ETHYLENE	ACETYLENE	TOTAL COMBUSTIBLE	TOTAL GAS

THIS TEST IS AN INVALUABLE TOOL USED TO EVALUATE THE OPERATION OF IN-SERVICE AND SERVICE USED TRANSFORMERS FOR MAY-LIFE RESULTS

KEY TO ABBREVIATIONS: AC - ACCEPTABLE QN - QUESTIONABLE UN - UNACCEPTABLE

MPM0000066

EPA004619

Acts 4:12

DIVISION OF SD Myers TRANSFORMER CONSULTANTS

P.O. BOX 4724, AKRON, OH 44310

Phone: (216) 633-2666
Toll Free: (800) 321-9580

TEST SURVEY RECAP

CUST# 39080000 UNION CARBIDE CORP SUI OV SISTERSVILLE WV 11/03/87

TC#	SUBSTATION NAME	SIZE KVA	GALLONS	LIQUID TYPE	PCB CLASS	PCB DATE	LST	GC	KF	ICP	PF	SERVICE PRODUCT
1	212 D MAIN SUB	7500	3650	OIL	NON-PCB	10/13/87	AC	AC	AC			ACCEPTABLE DATA-RETEST 1 YEAR
2	SOUTH STORE ROOM	15	140	OIL	NON-PCB	9/04/81	QU		QU			NEW HOT OIL CLEAN
3	MAIN OCB		810	OIL	NON-PCB	10/13/87	AC		AC			ACCEPTABLE DATA-RETEST 1 YEAR
4	MAIN OCB		810	OIL	NON-PCB	10/13/87	AC		AC			ACCEPTABLE DATA-RETEST 1 YEAR
5	MAIN OCB		810	OIL	NON-PCB	10/13/87	AC		AC			ACCEPTABLE DATA-RETEST 1 YEAR
6	SUB C2	750	227	OIL	NON-PCB	10/13/87	AC		QU			DEHYDRATION
7	STEAM PLANT	750	285	OIL	NON-PCB	3/31/87	AC		QU			REPAIR/PAINT: SEE VISUAL DATA DEHYDRATION
8	NITROGEN UNIT	750	269	OIL	NON-PCB	10/13/87	AC		AC			ACCEPTABLE DATA-RETEST 1 YEAR
9	WASTE DISPOSAL	1500	325	OIL	NON-PCB	10/13/87	AC		UN			RETEST KARL FISCHER
10	MON OMERS	750	414	OIL	NON-PCB	10/13/87	QU		QU			NEW HOT OIL CLEAN
11	POLY 2	1000	393	OIL	NON-PCB	12/11/78	UN		QU			NEW HOT OIL CLEAN
12	MAIN SUB	7500	2535	OIL	NON-PCB	10/13/87	AC	AC	AC			REPAIR/PAINT: SEE VISUAL DATA
13	SUB 43-L-1	500	253	OIL	NON-PCB	10/13/87	AC		QU			DEHYDRATION
15	EPC RECT	3	85	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
16	EPC RECT	3	85	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
17	ESTERS 33-K-1	750	235	OIL	NON-PCB	10/13/87	QU		QU			NEW HOT OIL CLEAN
18	EPC ROTARY KILN	13	140	OIL	NON-PCB	7/05/79	QU		UN			NEW HOT OIL CLEAN
19	EPC ROTARY KILN	13	140	OIL	NON-PCB	7/05/79	QU		UN			NEW HOT OIL CLEAN
20	EPC ROTARY KILN	13	140	OIL	NON-PCB	10/13/87	UN		UN			NEW HOT OIL CLEAN
23	#2 WELL	5	10	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
24	BARGE DOCK	10	9	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
25	BARGE DOCK	10	9	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
26	BARGE DOCK	10	9	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
27	#3 WELL	5	7	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
28	#4 WELL	5	7	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
29	WIRE STORAGE	50	40	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
30	WIRE STORAGE	15	20	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
31	WIRE STORAGE	5	10	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR
32	WIRE STORAGE	5	10	OIL	NON-PCB	10/13/87						ACCEPTABLE DATA-RETEST 1 YEAR

33 Sub P

M5T540

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

[illegible]

CUST [illegible] CITY [illegible]
SUB. NAME [illegible] UNIT # OTHER

ID # [illegible] DATE PRINTED [illegible]
LOCATION OUTDOOR/ PLATFORM 20 FEET

NAMEPLATE DATA

MFG.	[illegible]	EQUIP. TYPE	TRANSFORMER
DATE MFG.		TRANS CLASS	
S/N	[illegible]	IMPEDANCE	2.20%
KVA	10	PHASE/CYCLE	1/60
PRI	4,160	LIQUID TYPE	OIL
SEC	480	GAL LIQUID	9

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	SIDE
OIL PUMPS	NO	HOSE LENGTH	20 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	TOP INSPECTION PLATE		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/13/87					ND

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP. GR.	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

DATE	SERVICE	HYDROGEN	OXYGEN	NITROGEN	METHANE	CARBON MONOXIDE	CARBON DIOXIDE	ETHANE	ETHYLENE	ACETYLENE	TOTAL COMBUSTIBLE	TOTAL GAS

* THIS TEST IS AN INVALUABLE TOOL USED TO EVALUATE THE OPERATION OF IN-SERVICE AND
* SERVICE-AGED TRANSFORMERS FOR MAX-LIFE RESULTS

KEY TO ABBREVIATIONS: AV - ACCEPTABLE QV - QUESTIONABLE UV - UNACCEPTABLE

MPM0000068

EPA004621

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

P. O. BOX 4724, AKRON, OH 44310

0025

CUST UNION CARBIDE CORP SOI DV CITY SISTERSVILLE WV ID # 39080000 DATE PRINTED 11/02/87
SUB. NAME BARGE DOCK UNIT # OTHER LOCATION OUTDOOR/ PLATFORM 20 FEET

NAMEPLATE DATA

MFG.	ST	EQUIP. TYPE	TRANSFORMER
DATE MFG.		TRANS CLASS	
S/N	[illegible]	IMPEDANCE	2.20%
KVA	10	PHASE/CYCLE	1/60
PRI	4,120	LIQUID TYPE	OIL
SEC	120	GAL LIQUID	9

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	SIDE
OIL PUMPS	NO	HOSE LENGTH	50 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	POP TOP		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/13/87					ND

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP GR	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

DATE	SERVICE	HYDROGEN	OXYGEN	NITROGEN	METHANE	CARBON MONOXIDE	CARBON DIOXIDE	ETHANE	ETHYLENE	ACETYLENE	TOTAL COMBUSTIBLE	TOTAL GAS

THIS TEST IS AN INVALUABLE TOOL USED TO EVALUATE THE OPERATION OF IN-SERVICE AND SERVICE-AGED TRANSFORMERS FOR MAX-LIFE RESULTS.

KEY TO ABBREVIATIONS: AC - ACCEPTABLE QU - QUESTIONABLE UN - UNACCEPTABLE

MPM0000069

EPA004622

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

P. O. BOX 4124, AKRON, OH 44310

CUST [illegible] CITY [illegible] ID # 39000000 DATE PRINTED 11/02/87
SUB NAME [illegible] UNIT # OTHER LOCATION OUTDOOR/ PLATFORM 20 FEET

NAMEPLATE DATA

MFG. [illegible]	EQUIP. TYPE	TRANSFORMER	
DATE MFG.	TRANS CLASS		
S/N EE15831	IMPEDANCE	2.20%	
KVA 10	PHASE/CYCLE	1/60	
PRI 4,160	LIQUID TYPE	OIL	
SEC 480	GAL LIQUID	9	

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	SIDE
OIL PUMPS	NO	HOSE LENGTH	30 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	POP TOP		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/19/87					NO

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP. GR.	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

DATE	SERVICE	HYDROGEN	OXYGEN	NITROGEN	METHANE	CARBON MONOXIDE	CARBON DIOXIDE	ETHANE	ETHYLENE	ACETYLENE	TOTAL COMBUSTIBLE	TOTAL GAS

* THIS TEST IS AN INVALUABLE TOOL USED TO EVALUATE THE OPERATION OF IN-SERVICE AND
* SERVICE-AGED TRANSFORMERS FOR MAX-LIFE RESULTS

KEY TO ABBREVIATIONS: AC - ACCEPTABLE CO - CONDITIONABLE UN - UNACCEPTABLE

MPM0000070

EPA004623

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

P.O. BOX 4724, AKRON, OH 44310

0027

CUST UNION CARBIDE CORP SUI DV CITY SISTERSVILLE WV
SUB. NAME #9 WELL UNIT # OTHER

ID # 39080000 DATE PRINTED 11/02/87
LOCATION OUTDOOR/ PLATFORM 15 FEET

NAMEPLATE DATA

MFG.	SE	EQUIP. TYPE	TRANSFORMER
DATE MFG.		TRANS CLASS	
S/N	4036452YT2	IMPEDANCE	2.55%
KVA	5	PHASE/CYCLE	1/60
PRI	4,160	LIQUID TYPE	OIL
SEC	120	GAL LIQUID	7

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	SIDE
OIL PUMPS	NO	HOSE LENGTH	50 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	POP TOP		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/19/87					ND

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP. GR.	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

DATE	SERVICE	HYDROGEN	OXYGEN	NITROGEN	METHANE	CARBON MONOXIDE	CARBON DIOXIDE	ETHANE	ETHYLENE	ACETYLENE	TOTAL COMBUSTIBLE	TOTAL GAS

* THIS TEST IS AN INVALUABLE TOOL USED TO EVALUATE THE OPERATION OF IN-SERVICE AND
* SERVICE-AGED TRANSFORMERS FOR MAX-LIFE RESULTS.

KEY TO ABBREVIATIONS AC - ACCEPTABLE QU - QUESTIONABLE UN - UNACCEPTABLE

MPM0000071

EPA004624

TRANSFORMER CONSULTANTS
A DIVISION OF S.D. MYERS INC.

P.O. BOX [illegible], AKRON, OH [illegible]

TC [illegible]

CUST [illegible] CORP [illegible] DW CITY [illegible] ID # [illegible] DATE PRINTED 11/02/87
SUB NAME [illegible] UNIT # OTHER LOCATION OUTDOOR PLATFORM [illegible] FEET

NAMEPLATE DATA

MFG.	GE	EQUIP. TYPE	TRANSFORMER
DATE MFG.		TRANS CLASS	
S/N	[illegible]	IMPEDANCE	2.70%
KVA	5	PHASE/CYCLE	1/60
PRI	4,160	LIQUID TYPE	OIL
SEC	120	GAL LIQUID	7

ADDITIONAL EQUIPMENT

RADIATORS	NO	CONSERVATORS	NO
FANS	NO	LTC COMP	NO
H_2O COOLED	NO	BUSHING LOC	SIDE
OIL PUMPS	NO	HOSE LENGTH	35 FEET
TOP FPV		DE-ENERGIZED	YES
BOTTOM FPV		POWER V/A	
OTHER ACCESS	POP TOP		

VISUAL INSPECTION

PAINT CONDITION LEAKS

FIELD SERVICE

PCB CONTENT / EXPRESSED IN PPM

DATE OF SERVICE	1242 AROCLOR	1254 AROCLOR	1260 AROCLOR	OTHER	TOTAL CONTENT
10/13/87					ND

COLOR LABEL GREEN CLASS NON-PCB

LIQUID SCREEN TEST DATA

DATE	SERVICE	LEVEL	TEMP	P/V	ACID	IFT	DIEL	COLOR	SP. GR.	VISUAL	SEDIMENT

GAS-IN-OIL ANALYSIS / GAS CHROMATOGRAPHY EXPRESSED IN PPM

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