

TRANSFORMER DATA SHEET

DATE : 09/10/2019
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #86
 MANUFACTURER : General Electric
 TRANSFORMER TYPE : Pad Mount CLASS : 0A
 S/N : 3552340

THREE PHASE ☒ SINGLE PHASE ☐ : 60 HERTZ

VOLTAGE RATING: 13200-208Y/120

KVA RATING: 500 Continuous, Self Cooled
 Continuous, Forced Air

LV WINDING: COPPER

HV WINDING: COPPER

LV: 65°C rise, BIL: 30 kV

HV: 65°C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	1600
Case & Fittings	1600
Oil in Gallons	230
Weight in Pounds	4900

Fluid Type : Mineral Oil

Impedance volts : 4.99 % at rated volts at : 500 KVA

MEGGER TEST RESULTS

TRANSFORMER TEST DATA

	1 Minute				POLARIZATION INDEX	CAPACITANCE	
High-> Ground	40k	M-Ohms, @	5	kV DC	1.4	0.02	micro-farad
Low -> Ground	30k	M-Ohms, @	1	kV DC	1.6	0.02	micro-farad
High-> Low	25k	M-Ohms, @	1	kV DC	1.2	0.02	micro-farad

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
105%	115.500			
102.5%	112.750			
100%	110.000	109.982	109.961	109.959
97.5%	107.250			
95%	104.500			

COMMENTS

Date of Manufacture 11/1999
 Tag #11472



DANGER
HIGH
VOLTAGE



DANGER
HIGH
VOLTAGE



WARNING
DO NOT OPEN THIS COVER
UNTIL THE POWER IS
OFF. TO PREVENT
ELECTRIC SHOCK,
TURN OFF THE POWER
BEFORE OPENING THE
COVER.
ELECTRIC SHOCK CAN
KILL.



H1



H2



H3



8

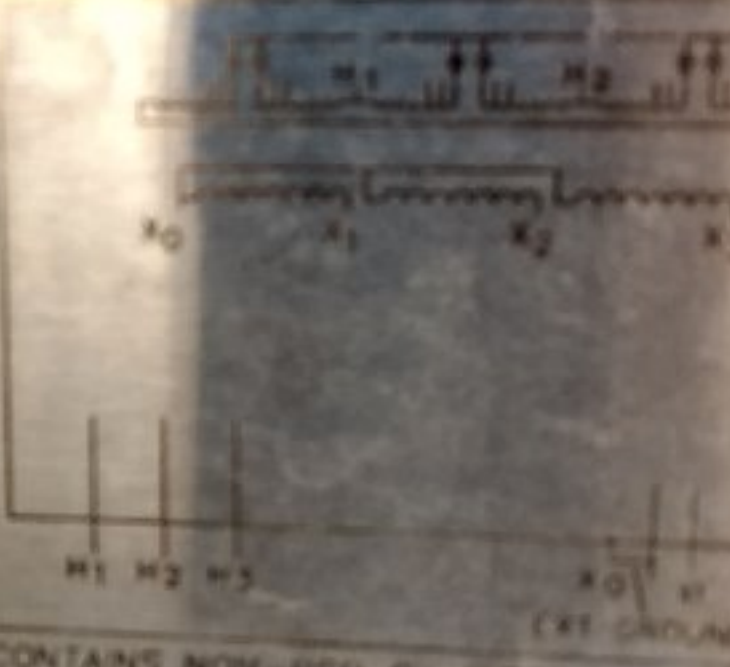
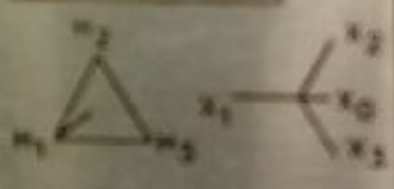
GENERAL  ELECTRIC

1 PHASE 3.475 0 A CAUTION-BEFORE OPERATING READ INSTRUCTIONS GE-79025 85°C
 0552140-TYP 208Y/120

NP A64815427P01 403

HV WINDING 95 KV
 LV WINDING 30 KV
 WEIGHTS IN POUNDS
 INTERIOR 1600
 TANK 1600
 LIQUID 1700
 TOTAL 4900
 LIQ 230. GAL
 IMPEDANCE 85°C
 RATED VOLTS 4.99 %

NOMINAL	1.40
105.5	1/4
102.5	1/8
100.0	1/2
97.5	3/4
95.0	1
AT RATED KVA	



COMMERCIAL TRANSFORMER
 SHREVEPORT, LA MADE IN USA

CONTAINS NON-PCB OIL LESS THAN 1
 AT TIME OF MANUFACTURE

NON-PCB
 CONTAINS LESS THAN
 1 PPM OF PCB
 AT TIME OF
 MANUFACTURE

A9501K001 P12