

TRANSFORMER DATA SHEET

DATE : 07/18/2008  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES 48  
 MANUFACTURER : Vantran  
 TRANSFORMER TYPE : Pad Mount CLASS : OA  
 S/N : 88V2459  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 13200-208Y/120 LV WINDING: ALUMINUM  
 KVA RATING: 225 Continuous, Self Cooled HV WINDING: ALUMINUM  
 Continuous, Forced Air LV: 65°C rise, BIL: 30 kV  
 HV: 65°C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	225
Weight in Pounds	4300

Impedance volts : 3.2 % at rated volts at : 225 KVA

**TRANSFORMER TEST DATA**

MEGGER TEST RESULTS

	1 Minute			POLARIZATION INDEX	CAPACITANCE in MICRO-FARAD	
High-> Ground	10k	M-Ohms, @	5	kV DC	1.2	.02
Low -> Ground	8k	M-Ohms, @	1	kV DC	1.4	.02
High-> Low	10k	M-Ohms, @	1	kV DC	1.5	.02

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
12540	104.500	104.501	104.502	104.502
12870	107.250	107.262	107.268	107.265
13200	110.000	110.214	110.215	110.130
13530	112.750	112.780	112.760	112.780
13860	115.500	115.652	115.654	115.652

COMMENTS

Tag 11156  
 Date of manufacture: n/a  
 Stored at Daves's Yard

Live front radial feed.

# VANTRAN



# ELECTRIC

S/N 75V8267

TYPE CZ

KVA 500

65 °C RISE

5.7 % IMP.

85 °C

INSULATING LIQUID

MINERAL OIL FILLED

265 GAL.

THREE PHASE

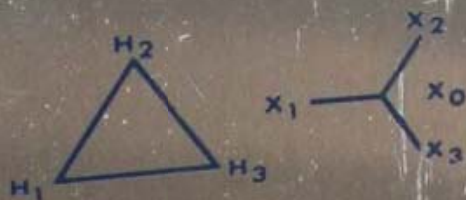
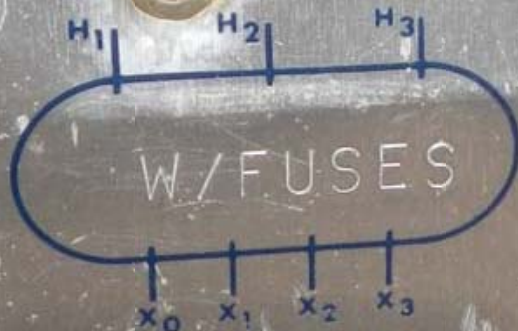
CLASS OA

60 CYCLES

INST. BOOK V-100

VOLTAGE RATING

13200 DELTA-208Y/120



### HIGH VOLTAGE

VOLTS	AMPS	T.C. ON
13860	20.8	A
13530	21.3	B
13200	21.8	C
12870	22.4	D
12540	23.0	E

NP-110

TOT. WEIGHT 5650

0° DISP.

TRANSFORMER BY VANTRAN ELECT. CORP., WACO, TEXAS





225

225

225