

TRANSFORMER DATA SHEET

DATE : 11/2/2006  
 CUSTOMER : HVES  
 CIRCUIT/LOCATION : HVES #9  
 MANUFACTURER : Howard Industries  
 TRANSFORMER TYPE : Pad Mount CLASS : OA/FA  
 S/N : 4972393906  
 THREE PHASE  SINGLE PHASE  : 60 HERTZ

VOLTAGE RATING: 34500 Delta - 480Y/277 LV WINDING: ALUMINUM  
 KVA RATING: 2000 Continuous, Self Cooled HV WINDING: ALUMINUM  
 Continuous, Forced Air LV: 65 °C rise, BIL: 30 kV  
 HV: 65 °C rise, BIL: 150 kV

NAMEPLATE DATA

Core & Coils	-
Case & Fittings	-
Oil in Gallons	506
Weight in Pounds	12071

Impedance volts : 5.33 % at rated volts at : 2000 KVA

**TRANSFORMER TEST DATA**

MEGGER TEST RESULTS

	1 Minute			
High-> Ground	40k	M-Ohms, @	5	kV DC
Low -> Ground	40k	M-Ohms, @	1	kV DC
High-> Low	30k	M-Ohms, @	1	kV DC

POLARIZATION  
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CAPACITANCE in  
MICRO-FARAD

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TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
36225	130.776	130.769	130.767	130.752
35363	127.664	127.558	127.549	127.541
34500	124.548	124.600	124.574	124.492
33638	121.436	121.429	121.426	121.419
32775	118.321	118.320	118.317	118.309

COMMENTS

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