

TRANSFORMER DATA SHEET

DATE : 09/10/2019
 CUSTOMER : HVES
 CIRCUIT/LOCATION : HVES #87
 MANUFACTURER : Northeast Transformer
 TRANSFORMER TYPE : Pad Mount CLASS : OA
 S/N : NET4822040515

THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 13800-208Y/120

LV WINDING: ALUMINUM

KVA RATING: 300 Continuous, Self Cooled
 Continuous, Forced Air

HV WINDING: ALUMINUM

LV: 65°C rise, BIL: 30kV

HV: 65°C rise, BIL: 95kV

NAMEPLATE DATA

Core & Coils	
Case & Fittings	
Oil in Gallons	223
Weight in Pounds	5018

Fluid Type : Mineral Oil

Impedance volts : 3.8 % at rated volts at : 300 KVA

MEGGER TEST RESULTS

TRANSFORMER TEST DATA

1 Minute

POLARIZATION INDEX

CAPACITANCE

High-> Ground	30k	M-Ohms, @	5	kV DC	1.4	0.02	micro-farad
Low -> Ground	25k	M-Ohms, @	1	kV DC	1.6	0.02	micro-farad
High-> Low	30k	M-Ohms, @	1	kV DC	1.3	0.02	micro-farad

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
13800	115.000	114.994	114.982	114.992

COMMENTS

Loop feed 200A wells. No taps.
 Tag #11473



UNIT 87

WARNING
Electrical voltage
may be present.
Do not touch.
Hazardous
equipment.
Do not touch.
Do not touch.

300

UNIT 87



X0

X1

X3

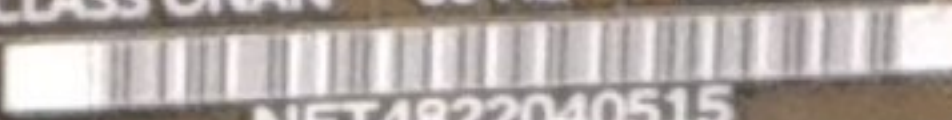
X

300

NON-PCB
MINERAL OIL
WHEN MANUFACTURED
CONTAINED LESS THAN
1 PPM PCB

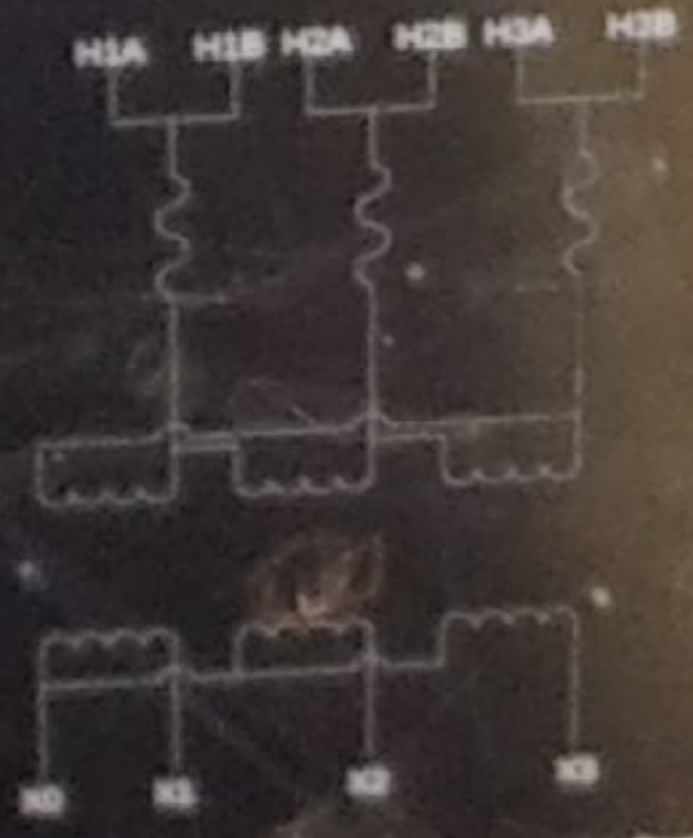


NETS NORTHEAST TRANSFORMER SERVICES

3 PHASE TRANSFORMER		CLASS ONAN	60 HZ	65°C RISE
KVA	300	SERIAL	 NET4822040515	
HV	13800	HV BIL	95 KV	HV Conductor AL
LV	208Y/120	LV BIL	30 KV	LV Conductor AL
% Imp. At 85°C		3.8	Oil (Gallons)	223
Weight (Lbs)		5018		

Contained <1 PPM of PCBs At Time Of Manufacture

SUBTRACTIVE POLARITY



Customer

Proctor, NY U.S.A. 11771

X2