

TRANSFORMER DATA SHEET

DATE : 03/16/2024
 CUSTOMER : HVES
 CIRCUIT/LOCATION : #100
 MANUFACTURER : NETS
 TRANSFORMER TYPE : Pad Mount CLASS : ONAN
 S/N : NS09063010224

THREE PHASE SINGLE PHASE : 60 HERTZ

VOLTAGE RATING: 13200 Delta-480Y/277

KVA RATING: 750 Continuous, Self Cooled
 Continuous, Forced Air

LV WINDING: ALUMINUM

HV WINDING: ALUMINUM

LV: 65°C rise, BIL: 35 kV

HV: 65°C rise, BIL: 95 kV

NAMEPLATE DATA

Core & Coils	2350
Case & Fittings	1510
Oil in Gallons	230
Weight in Pounds	5700

Fluid Type : Mineral

Impedance volts : 5.50 % at rated volts at : 750 KVA

MEGGER TEST RESULTS

TRANSFORMER TEST DATA

1 Minute

POLARIZATION INDEX

CAPACITANCE

High-> Ground	20k	M-Ohms, @	5	kV DC	1.24	.02	micro-farad
Low -> Ground	30k	M-Ohms, @	1	kV DC	1.22	.02	micro-farad
High-> Low	24k	M-Ohms, @	1	kV DC	1.35	.02	micro-farad

TRANSFORMER TTR TESTS

TAP (V)	CALC. TTR	PHASE 1	PHASE 2	PHASE 3
13860	50.036	50.038	50.039	50.039
13530	48.844	48.850	48.851	48.857
13200	47.653	47.651	47.650	47.652
12870	46.462	46.463	46.650	46.659
12540	45.270	45.265	45.263	45.264

COMMENTS

Rebuilt 02/01/2024

NETS NORTHEAST TRANSFORMER SERVICES

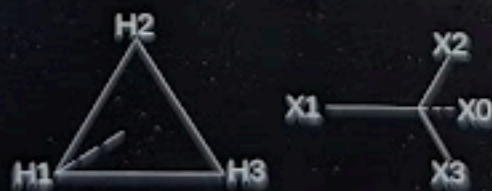
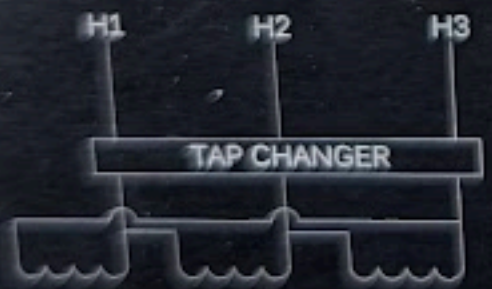
3 PHASE TRANSFORMER		CLASS ONAN	60 HZ	65°C RISE
KVA 750	SERIAL		NS09063010224	
HV 13200 DELTA	HV BIL 95KV	HV Conductor AL		
LV 480Y/277	LV BIL 30KV	LV Conductor AL		

% Imp. At 85°C	5.5	Oil (Gallons)	230	Weight (lbs)	5700
----------------	-----	---------------	-----	--------------	------

Contained <1 PPM of PCBs At Time Of Manufacture

SUBTRACTIVE POLARITY

TAP CHANGER	
POS	HIGH VOLTAGE
1 A	13860
2 B	13530
3 C	13200
4 D	12870
5 E	12540



Customer ID

3U4-001-634

Freeville, NY, U.S.A. Mfr Date 02/24

Ha
K
Will

UNIT 100

WARNING
High voltage
Do not touch
or open door
without proper
training and
PPE.



HIGH VOLTAGE

750

WARNING

Hazardous voltage
inside.
Can shock, burn,
or cause death.
Keep Out.
If open or unlocked,
immediately call
electric power
and light company.





UNIT 100

HIGH VOLTAGE

WARNING
High Voltage
Electrical
Equipment
Can Cause
Death or
Serious
Injury
Do Not
Touch
Exposed
Parts
Unless
Qualified
Personnel
Are Present
and
Properly
Trained

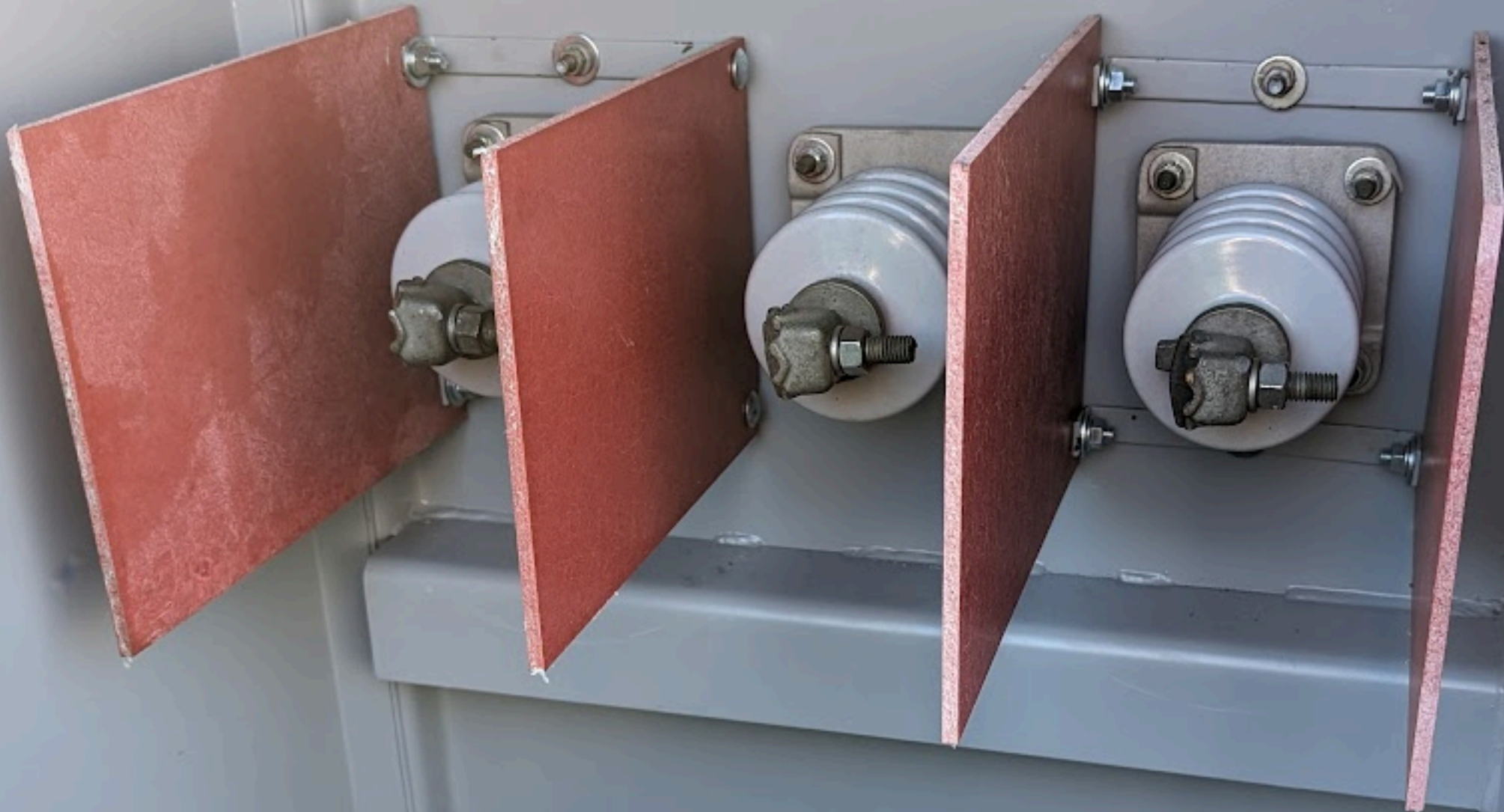


KOHLER

H1

H2

H3



H1

H2

H3





WARNING
DO NOT OPERATE THE UNIT WITHOUT OIL
CHECK THE OIL LEVEL AT LEAST ONCE A WEEK
REPLACE THE OIL WHEN IT IS CONTAMINATED OR LOW



C
B
A
D
E

X1

X3

X0

X2



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





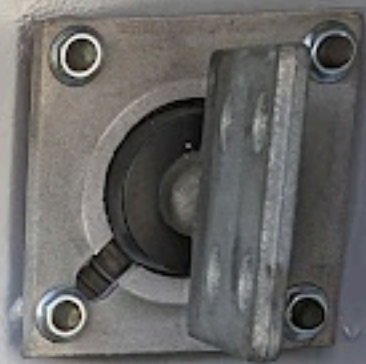
WARNING
MINERAL OIL
WHEN MANUFACTURED
CONTAINED LESS THAN
1 PPM PCB

X1



X3

C
B
A
D
E



X0

X2



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



X0

X1



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



