

OIL TRANSFORMER INSPECTION REPORT

Customer: **City of Oak Creek Water & Sewer Utility**
 Address: **170 W. Drexel - Oak Creek, WI 53154**
 Owner: **Same as above**
 Address:
 Location: **Upper Lift Station**
 Identification: **West Transformer**

Date: **1/16/03**
 Work Order: **5365**
 Temperature: **-10 °C**
 Humidity: **10 %**

Nameplate Data			
Manufacturer:	Westinghouse	KVA:	2000
Serial Number:	SBV3238-01	Phase:	3
Transformer Type:	SL	Class:	OA
Model No:	N/A	Temperature Rise:	55 °C
Impedance:	5.88 %	Type of Coolant:	Oil
Main Tank Type:	Sealed	Capacity in Gallons:	760
PCB Labeled:	Yes	PCB Content in ppm:	50-499 ppm
Primary Vector:	Delta	Secondary Vector:	Wye
Primary Voltage:	26400	Secondary Voltage:	2400/1386
Primary Amperes:	43.74	Secondary Amperes:	481.1

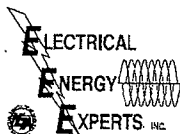
Tap Changer		Vector Diagram:
Tap Position	Voltage	
1	27800	
2	27100	
3	26400	
4	25700	
5	25000	
Tap Position as Found:	5	
Tap Position as Left:	5	

Gauges					
Oil Temperature:	21 °C	Reset Max. Temperature:	Yes	Pressure as Found:	1.5 PSIG
Maximum Oil Temperature:	26 °C	Oil Level:	Normal	Pressure as Left:	1.5 PSIG
Alarm Setting:	N/A °C	Fan Setting:	N/A °C		
If there are not any gauges, are there provisions for gauge installation?					N/A

Visual Inspection					
Damaged Bushings:	None	Leaking Bushings:	Yes	Bushing Oil Level:	N/A
Leaking Tap Changer:	No	Leaking Gauges:	None	Damaged Gauges:	None
Leaking Cooling Fins:	None	Damaged Cooling Fins:	None	Leaking Covers:	None
Fan operation:	N/A	Fan Control Operation:	N/A	Properly Grounded:	Yes
Electrical Connections:	Tight	Live Part Clearances:	OK		
Syringe No:	12156	Transformer Sudden Pressure Indicator:	Normal		

Inspected By: **Bob Jandre**

Comments: **The H3 terminator has oil on it.**



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