

City SHERIDAN, WY
Unit No.

Location OUTDOOR/GROUND
Other ACCESS: POPIT VALVE

NAMEPLATE DATA		EQUIPMENT		ADDITIONAL EQUIPMENT	
Manufacturer	PAUWELS	Equipment	CABINET XFRMR	Radiators	Conservator Tank
Manufacture Date		Transformer Class	DA	fans	LTC Compartment
Serial No.	91844775	Impedance %	4.86	Water Cooled	No
KVA Rating	II	Phase/Cycle	3/60	Oil Pumps	No
High Voltage	12,470	Liquid Type	OIL	Top FPV (Inch)	1.00 Plug
Low Voltage	101	Gallons	II	Bottom FPV (inch)	1.00 Plug
Weight	1,897	other Access	PRESSURE RELIEF DEV.	Insulation Type	O/C

VISUAL INSPECTION

FIELD SERVICE

DATE	LEVEL	SAMPLE TEMP	TOP TEMP	PN	PAINT	LEAKS	DATE	SERVICE
04/12/11	NORMAL	II	II		GOOD	NONE		
05/10/12	NORMAL	II	II		GOOD	NONE		
03/11/13	NORMAL	I	I		GOOD	NONE		
02/12/14	NORMAL	I	I		GOOD	NONE		

Additional Information

Reason Not Tested

LIQUID SCREEN TEST DATA

DATE	SERVICE	ACID	IFT	DIEL 877	DIEL 1816	GAP	COLOR	SP. GRAV.	VISUAL	SEDIMENT
08/29/07		0.020 AC	37.4 AC	42 AC			0.50 AC	0.880 AC	CLEAR AC	NONE AC
GB/14/08		0.020 AC	37.6 AC				0.75 AC	0.880 AC	CLEAR AC	NONE AC
06/16/09		0.020 AC	37.8 AC	II AC			0.50 AC	0.870 AC	CLEAR AC	NONE AC
05/18/10		0.020 AC	37.3 AC	II AC			0.50 AC	0.880 AC	CLEAR AC	NONE AC
04/12/11		0.020 AC	38.2 AC	SO AC			0.50 AC	0.680 AC	CLEAR AC	NONE AC
05/10/12		0.020 AC	36.8 AC	II AC			0.50 AC	0.880 AC	CLEAR AC	NONE AC
03/13/13		0.020 AC	36.4 AC	II AC			SO AC	0.880 AC	CLEAR AC	NONE AC
OV20/14		0.020 AG	37.9 AC	II AC			0.75 AC	0.880 AC	CLEAR AC	NONE AC

INHIBITOR CONTENT

LIQUID POWER FACTOR

DATE	PCT. BY WEIGHT
05/11/10	0.255% AC
04/12/11	0.261% AC
05/10/12	0.273 AC
03/13/13	0.241% AC
02/12/14	0.239 AC

DATE	25 C	100 C
05/18/10	0.033 AC	0.469 AC
04/12/11	0.034 AC	0.589 AC
05/10/12	0.041 AC	0.539 AC
03/13/13	0.033 AC	0.713 AC
02/12/14	0.032 AC	0.539 AC

NOTE - STUDIES SHOW THAT A LEVEL OF 0.3% INHIBITOR IS OPTIMUM FOR PRESERVATION OF JN-SERVICE TRANSFORMER OILS. OILS WITH A LEVEL BELOW 0.08% ARE CONSIDERED TO BE UNINHIBITED.

KEY TO ABBREVIATIONS: AC - ACCEPTABLE OU - QUESTIONABLE UN - UNACCEPTABLE RS - RESAMPLE

NOTE: * After a result indicates that the test or service was performed by an outside source.