

Aurtra transformer Analysis Output :  
Logger No :

Mon Apr 30 16:25:42 2018  
1000012

Start time (in local time):  
EndtTime (in local time) :

Sat Nov 18 11:44:07 2017  
Sat Mar 17 02:18:25 2018

TILAS Life Assessment:

Percent of Life Lost (LL) during Period:	0.08 %
Calculated Polymerisation at End (using LL)	598.84
Polymerisation Estimate using WA response	- None Possible
Minimum Hot-Spot temp rise for Bubble Formation	92 C
Minimum Top Temp temp rise for Bubble Formation	74 C
Est. Load Increase for Hot-Spot Bubble formation	191% of rating
Est. Load Increase for Top-Oil Bubble Formation	160% of rating

Averages over various time periods

	All	Year	Month	Week	Day
Average T C	38.2	0.0	37.4	35.6	38.6
Average AW	0.06	0.0	0.063	0.055	0.056
Average WCP %	2.1	0.0	2.2	2.1	2.0
Maximum T	65.8	0.0	61.0	46.6	46.6
Maximum AW	0.12	0.0	0.12	0.07	0.07
Maximum WCP %	3.0	0.0	2.3	2.2	2.0
Minimum T C	22.2	0.0	28.5	28.5	31.6
Minimum AW	0.03	0.0	0.04	0.04	0.04
Minimum WCP %	1.9	0.0	2.0	2.0	2.0

Site Configuration Settings

Installation time zone	-10 UTC
Estimated Polymerisation at Start:	600
Oxygen Estimate (ppm):	10001 (ppm)
Offset Temperature - Oil to Winding:	7.5 Celsius
Temperature Averaging Period:	219 Hours
Water Activity Averaging Period:	219 Hours
Water Content in Paper Averaging Period:	219 Hours
Preset Sample rate	300 Seconds
Sensor Installation location	Top Oil
Natural Circulation Radiator Efficiency	40 C rise at rated load
Est. Typical Daily Load	50 % of rating
Radiator Pump-on Temperature (Top)	100 C