## **Transformer SE2**

Transformer's age: 26

#### **Dissolved Gases**

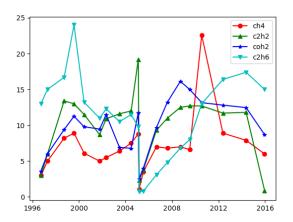


Figure 1: Graphic with ch4, c2h2, coh2, c2h6

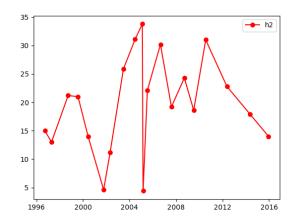


Figure 3: Graphic with h2

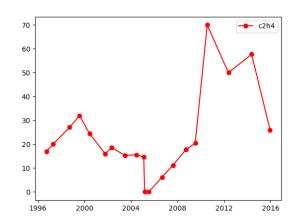


Figure 2: Graphic with c2h4

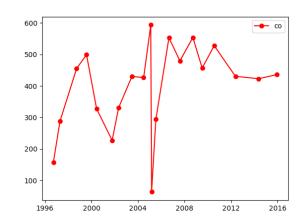


Figure 4: Graphic with co

## **Furfural**

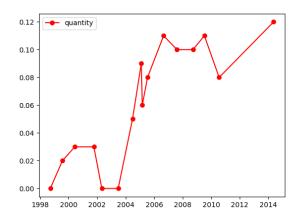
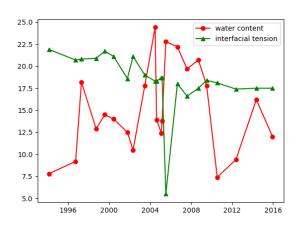


Figure 5: Graphic with quantity

# **Oil Quality**



5.9 - 5.7 - 5.6 - 5.5 - 1996 2000 2004 2008 2012 2016

**Figure 6**: Graphic with water content, interfacial tension

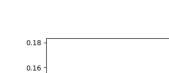
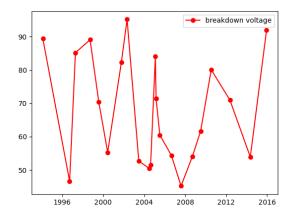


Figure 7: Graphic with color



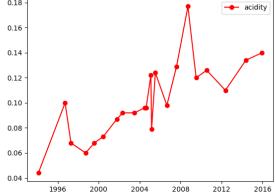
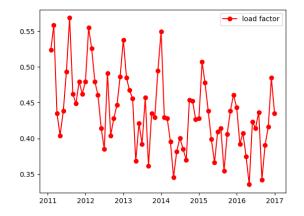


Figure 8: Graphic with breakdown voltage

Figure 9: Graphic with acidity

#### **Load and Power Factor**

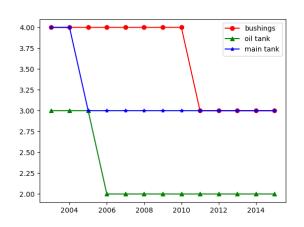


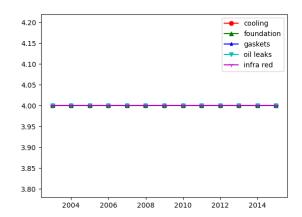
1.04 
1.02 
1.00 
0.98 
0.96 
2011 2012 2013 2014 2015 2016 2017

Figure 10: Graphic with load factor

Figure 11: Graphic with power factor

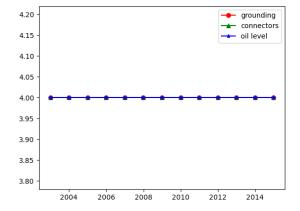
#### **Maintenance Scores**





**Figure 12**: Graphic with bushings, oil tank, main tank

**Figure 13**: Graphic with cooling, foundation, gaskets, oil leaks, infra red



**Figure 14**: Graphic with grounding, connectors, oil level

#### **Overall Condition**

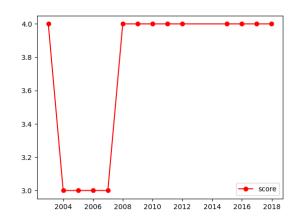


Figure 15: Graphic with score

# **Health Index**

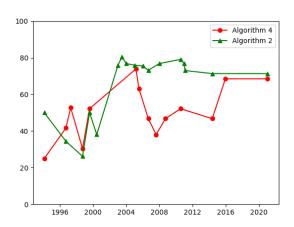


Figure 16: Graphic with Algorithm 4, Algorithm 2