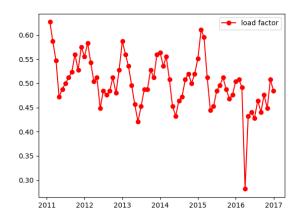
### **Transformer SE5**

Transformer's age: 27

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



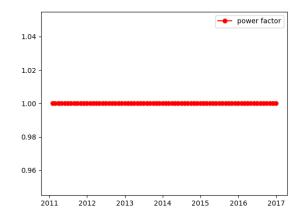


Figure 1: Graphic with load factor

Figure 2: Graphic with power factor

### **Furfural**

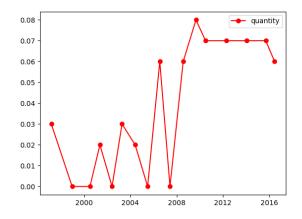
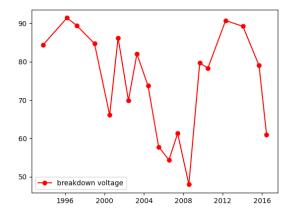


Figure 3: Graphic with quantity

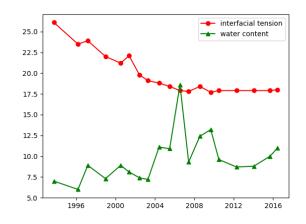
# **Oil Quality**



0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
1996 2000 2004 2008 2012 2016

Figure 4: Graphic with breakdown voltage

Figure 5: Graphic with acidity



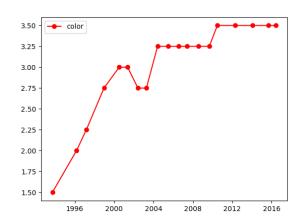
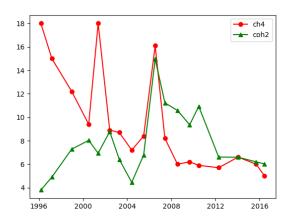


Figure 6: Graphic with interfacial tension, water content

Figure 7: Graphic with color

### **Dissolved Gases**



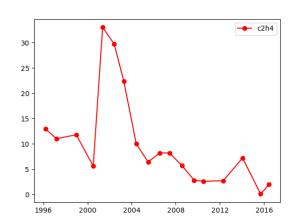
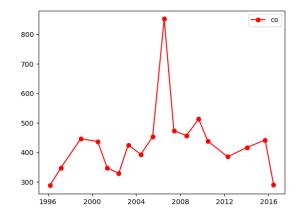


Figure 8: Graphic with ch4, coh2

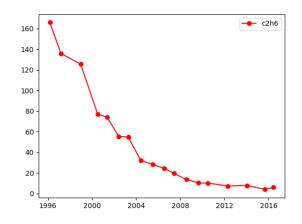
Figure 9: Graphic with c2h4



90 - h2
80 - 70 - 60 - 50 - 40 - 200 2004 2008 2012 2016

Figure 10: Graphic with co

Figure 11: Graphic with h2



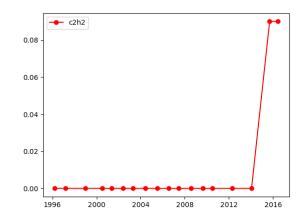


Figure 12: Graphic with c2h6

Figure 13: Graphic with c2h2

# **Overall Condition**

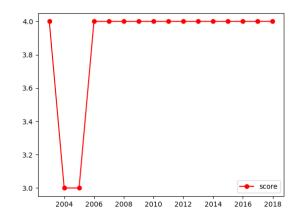
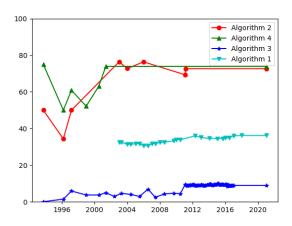


Figure 14: Graphic with score

### **Health Index**



**Figure 15**: Graphic with Algorithm 2, Algorithm 4, Algorithm 3, Algorithm 1