

# Transformer SE9

Transformer's age: 26

## Dissolved Gases

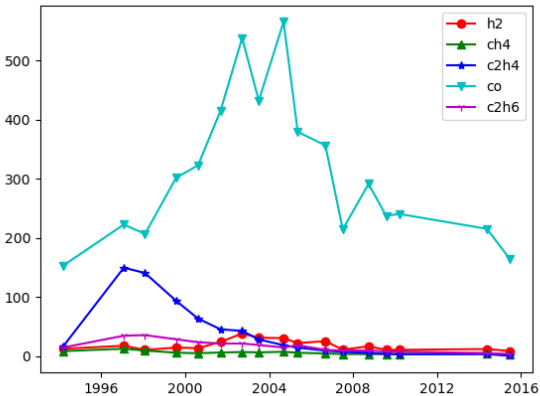


Figure 1: Graphic with  $\text{H}_2$ ,  $\text{CH}_4$ ,  $\text{C}_2\text{H}_4$ ,  $\text{CO}$ ,  $\text{C}_2\text{H}_6$

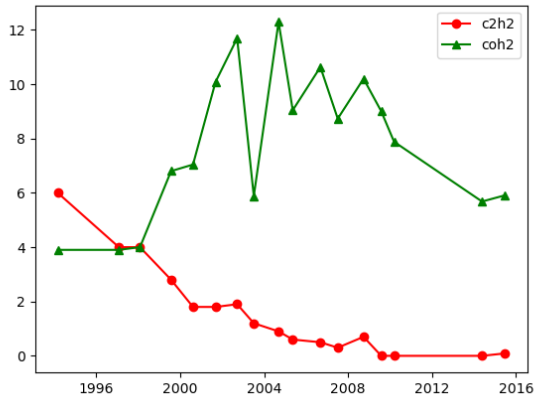


Figure 2: Graphic with  $\text{C}_2\text{H}_2$ ,  $\text{COH}_2$

## Furfural

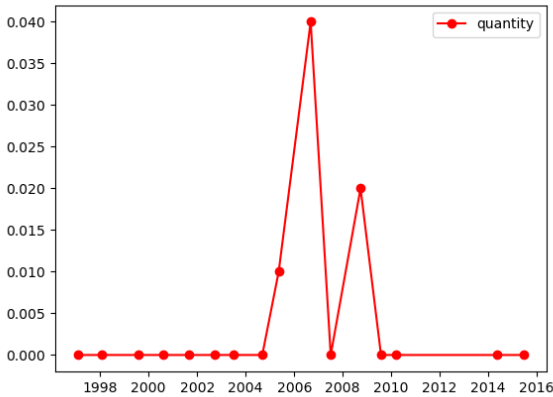
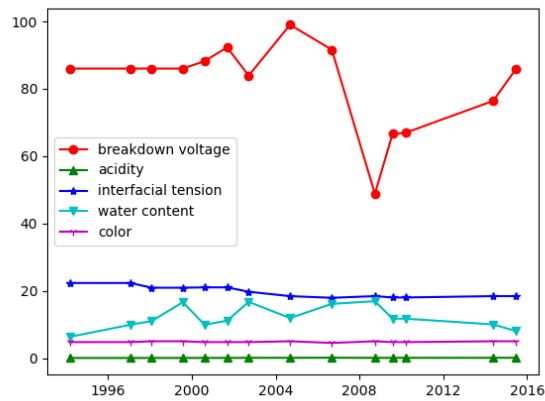


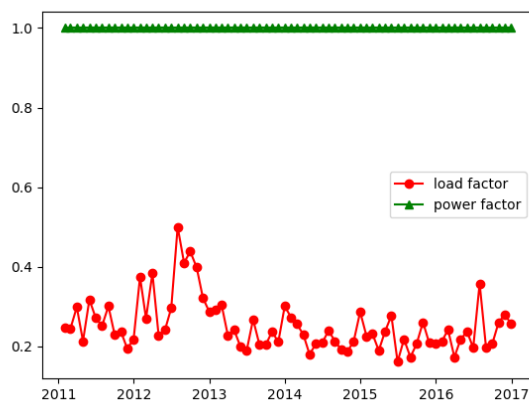
Figure 3: Graphic with quantity

## Oil Quality



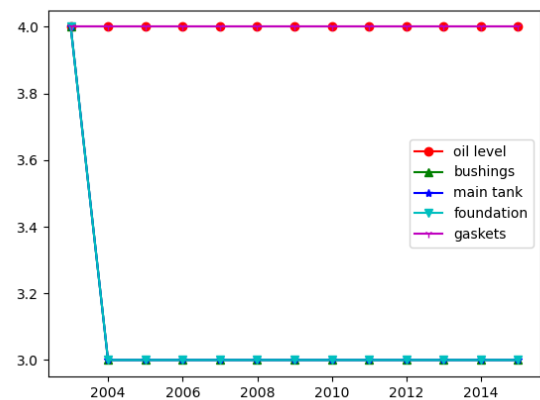
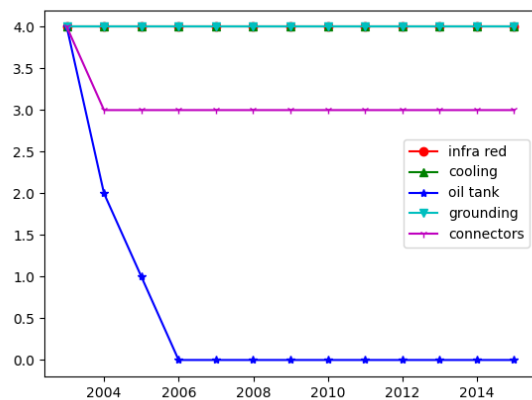
**Figure 4:** Graphic with breakdown voltage, acidity, interfacial tension, water content, color

## Load and Power Factor



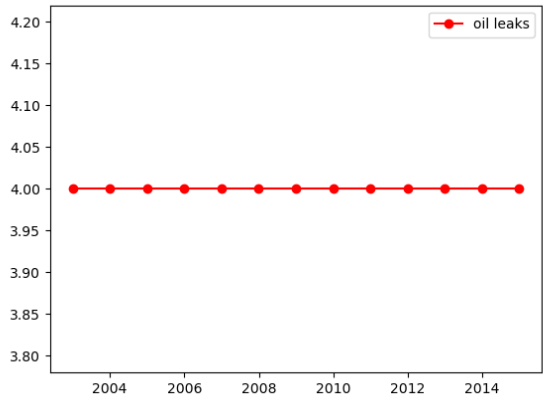
**Figure 5:** Graphic with load factor, power factor

## Maintenance Scores



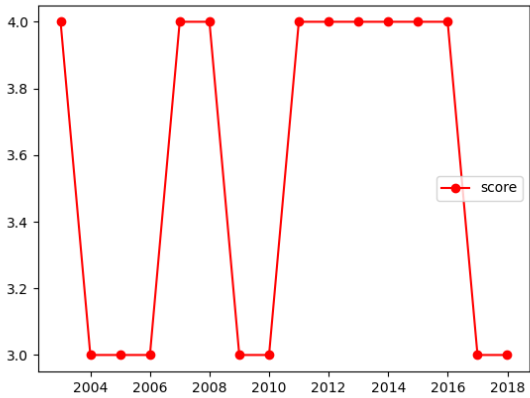
**Figure 6:** Graphic with infra red, cooling, oil tank, grounding, connectors

**Figure 7:** Graphic with oil level, bushings, main tank, foundation, gaskets



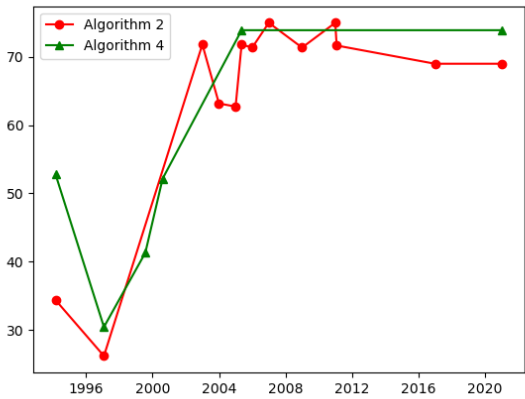
**Figure 8:** Graphic with oil leaks

Overall Condition



**Figure 9:** Graphic with score

Health Index



**Figure 10:** Graphic with Algorithm 2, Algorithm 4