This section provides a summary of the conditions and related comments of the assets analysed in this instance. Individual reports with results, trend charts and interpretations can be found in the subsequent sections of this report. The words used to indicate the condition of the transformer have the following meaning:

Acceptable	Asset is in a healthy/normal condition. The available data does not indicate an active fault mechanism.
Caution	Alert condition. There is an indication of an active fault mechanism in its early stages of development.
Urgent	Alarm condition. An active fault mechanism is highly likely and prompt attention to this asset is required.

Tx Data	TxA Assessment	Asset Review	Next Sample Date
SERIAL NO: 123456 **TAG NO:** PT4545 **LAST SAMPLE:** 01/11/2020	Urgent	[IEEE C57-104 (DGA): Alarm] [IEEE C57-106 (Oil Quality): Fair] Title: Interpretation of Dissolved Gas Analysis as per IEEE C57-104. This sample is classified as DGA Status 3. Hydrogen, Methane, Ethane, Ethylene and Acetylene levels are exceedingly elevated. High concentrations of Hydrogen, with the addition of minor quantities of Ethane, Ethylene and Methane may indicate low energy partial discharges or possible stray gassing. Carbon Monoxide and Carbon Dioxide concentrations are low indicating no abnormal cellulose insulation degradation. Title: Interpretation of Oil Quality Properties as per IEEE C57-106. OQIN is acceptable. Furanic Compounds level is low. Based on the classification provided by the FIST standard the Estimated life remaining in the paper is 66%. Calculated DP is 496 which is considered to be an accelerated rate of aging. Based on the classification provided by IEC 60296 Table 2 for Inhibitor content and the analysis results, this oil is classified as: (T) "Trace inhibited oil" <0.08%.	01/Feb/2021

TxMONITOR® - FIRST IN INDEPENDENT TRANSFORMER MANAGEMENT
Unit 2, 15 Hector Street (West), Osborne Park, WA, 6916. Tel: 1300 819 454

Doc ID: TOL-204
Version: 1-0622

This document becomes uncontrolled when printed

Page 1 of 2

Corrosive sulphur analysis was performed with the following results: ASTM1275B: Non Corrosive: 1a - Slight Tarnish Light Orange, almost the same as freshly polished strip

Particle count indicates a normal contamination level. This contamination level is good and is considered typical for transformers in service.

Power Factor (DDF) result at 25°C is within the recommended IEEE guidelines.

Power Factor (DDF) result at 100°C is within the recommended IEEE guidelines.

This unit is class as PCB-free - Containing less than 2ppm of PCB's

Degree of polymerisation is low. DP result is 350 which is considered to be an excessive rate of aging with a high risk of failure. Based on the classification provided by the FIST standard the Estimated life remaining in the paper is 40%.

All other Oil Quality properties are within the recommended guidelines.

Disclaimer

TxMONITOR® - FIRST IN INDEPENDENT TRANSFORMER MANAGEMENT
Unit 2, 15 Hector Street (West), Osborne Park, WA, 6916. Tel: 1300 819 454

Doc ID: TOL-204
Version: 1-0622

This document becomes uncontrolled when printed

Page 2 of 2