



Oil Analysis Summary Report

Job Number: OLXX03

Date: 05/03/2016

Customer: Demo Company - All Modules

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	Condition	Comments / Recommendation	Next Sample Date
SERIAL NO: 123456 TAG NO: PT4545 LAST SAMPLE: 29/02/2016	Caution	<p>IEEE Dissolved Gas Interpretation (C57-104): This sample falls under IEEE TDCG Condition 3. Hydrogen, Methane, Acetylene, Ethylene and Ethane levels are exceedingly elevated. In addition, Doernenburg Ratio and Furans may show a point of concern. Exercise extreme caution. Plan outage.</p> <p>The 2FAL levels found in the sample (624 PPB) are high for the age of this transformer. The IEEE recommended sampling period is: Monthly.</p> <p>Diagnosis based on Gas Ratios : CO2/CO ratio: Normal operation Doernenburg: .</p> <p>Interpretation of Oil Quality Properties as per IEEE C57-106 - 2006 Colour : Complies Breakdown Voltage : Complies Water Content : Complies Acidity : Complies Interfacial Tension : Complies Power Factor @ 25°C : Complies Power Factor @ 100°C : Complies PCB : Complies Specific Gravity : Complies</p>	



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Analyses and results provided by sub-contractors are listed under the "Subcontractor Information" page. Historical results from other laboratories provided by our Clients are included for reference and diagnosis purposes.

Sampled in compliance with ISO/IEC 17025 - Testing.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/National Standards.