

# Transformer Fault Gas Analysis

## Results

### Sample

Equipment ID: BC TR01

Apparatus Type: TRN

Designation: Thulhiriya TR01

Sampled By: ES(AM\_CM-TR)

Oil Temperature: 60 °C

Comment: Oil type: ASTM 3612

Serial Number: 51465/004

Sampling Point: Bottom

Syringe ID: 8377

Date Sampled: 2020/05/04

Tank Pressure:

### Analysis Identification

Method File: 20200505 Daily Method.prm

Calgas File: 20200505103117 Calibration.prs

Air File: 20200505110002 Air.prs

Oil File: 20200505142912 Oil.prs

Calgas O2N2 File: 20200505103117 Calibration.prs

Air O2N2 File: 20200505110002 Air.prs

Oil O2N2 File: 20200505150546 Oil O2N2.prs

Analyzed By: EE(AM\_CM-TR)

Date Acquired: 2020/05/05

Instrument ID: 11328002

Version: PPMreport 3.3.1

### Measurement Results

H2 (Hydrogen) **88 ppm**

CH4 (Methane) **0 ppm**

CO (Carbon Monoxide) **455 ppm**

CO2 (Carbon Dioxide) **7456 ppm**

C2H4 (Ethylene) **7 ppm**

C2H6 (Ethane) **14 ppm**

C2H2 (Acetylene) **0 ppm**

O2 (Oxygen) **6202 ppm**

N2 (Nitrogen) **54450 ppm**

TDG: **6.87 %**

TDCG: **0.06 %**

THCG (O2N2): **0.82 %**

THCG (Pressure): **- %**

## Graphs

