

Product & Service Data Sheet

Test Code	Test Package
T817	TurbineCheck™ 817 Turbine Oil Analysis for Quality and Performance of Turbine Oil System (TOA-QP)

Turbine Oil Analysis - Quality and Performance -Check™ 817 (TurbineCheck 817)

All Tests below are for TOA-QP-Check™ 817

Test Description	Test Method
• RPVOT (Rotating Pressure Vessel Oxidation Test) or RBOT	ASTM D2272
• Flash Point (Cleveland Open Cup)	ASTM D92
• Foaming Characteristics , Sequence I - III	ASTM D892
• Air Release	ASTM D3427
• Water Separability (Demulsibility)	ASTM D1401
• Rust Preventives , procedure A	ASTM D655 -A
• Copper Strip Corrosion	ASTM D130
• Insoluble Contamination Analysis (Gravimetric Analysis)	ASTM D4898M

Test Description : • TurbineCheck™ 817 are modeled , combined and assembled from the tests recommendation in turbine oil system from International Standard and several Turbine OEMs

International Standard Organization / Turbine OEMs	Reference
• American Society for Testing and Material (ASTM)	ASTM D4378-03
• International Organization for Standardization (ISO)	ISO / TS 11136 -2011
• VGB PowerTech	VGB M-416
• GE , Gas Turbine	GEK32568F
• GE Steam Turbine	GEK46506D
• Alstom , Gas and Steam Turbine	HTGD 90 -1117
• Siemens	K-8962-11
• Mitsubishi Heavy Industries (MHI)	MS04-MA-CL001 ,MS04-MA-CL002
• Solar Turbine	ES 9-224W
• Mitsui Engineering & Shipbuilding (MES)	Management of Lubricating Fluid

Application : This test package will be for equipment /machine as following :-

- Gas & Steam Turbine - Lube System
- Air / Gas Compressor , Centrifugal Type with large lube system
- Turbo Machinery -oil system

When the lube system will be require to be performed this test package

- Turbine Oil Analysis Program - regular period analysis/testing/monitoring of critical turbine oil systems
- And additional tests in semi-annual and annual period of Turbine Oil Analysis Program in order to monitor , assess and evaluate quality , performance and oil life of turbine oil system after regular period Turbine Oil Analysis -Monitoring (TOA-M) of TurbineCheck™ 814 and/or TurbineCheck™ 815
- Semi-Annual Period Testing , Annual Period Testing
Implement together with Turbine Oil Analysis -Monitoring (TOA-M) TurbineCheck™ 814 and/or TurbineCheck™ 815 for semi-annual and annual Turbine Oil Analysis program

Sample Quantity Requirement : 1,400 ml

Turnaround Time Service :

The report is typical available within 15-20 working days of sample receipt at FocusLab's laboratory.

(For the first time of delivery new unit equipment sample , it may take approx more than 15-20 working days.)

Need more product & service information ,please contact Focuslab Ltd