



TRANSFORMER OIL TESTING

Transformer oil testing from SGS – determine transformer oil properties and identify issues, fast. Transformer oil is crucial in the cooling process of a transformer. Electrical and thermal stress or chemical contamination can cause failures and reduced component life. Our transformer oil testing services offer you a complete solution to your transformer testing needs. We provide you with fast analyses to IEC, ASTM, and ISO standards, helping you identify issues quickly.

WHY CHOOSE TRANSFORMER OIL TESTING FROM SGS?

WE CAN HELP YOU

- Determine the basic electrical properties of transformer oil.
- Identify if an oil is suitable for further use.
- Detect whether filtration or regeneration is needed.
- Enhance component life and reduce oil costs.
- Maximize safety and prevent untimely failures.
- Gain crucial historical data to understand changes or increases in key gases and the rate of gas production with our LIMS software.
- Access your results fast – your data and analysis reports are available via our live web interface, so you can access your data at any time.

TRUSTED TRANSFORMER OIL TESTING FROM A LEADING PROVIDER

As a leading supplier of transformer oil services, we offer you the expertise, resources and experience you need. Our specific diagnostic analyses include:

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- Moisture analysis – ASTM D 6304/ IEC 733/ EEC 60814/ IS 13567
- Dielectric breakdown – ASTM D 877/ D 1816/ IEC 156/ IEC60156/ IS 6792/ IS 335
- Acidity – ASTM D 974/ IEC 74/ IEC 62021-2/ IS 1448 P: 2
- Interfacial surface tension (IFT) – ASTM D 971/ ISO6295/ IS 6104
- Dissipation factor and resistivity (DDF) – ASTM D 924/ IEC 247/ IEC 60247/ IS 6262

- Dissolved gas analysis (DGA) – ASTM D 3612-C
- PCB tests – ASTM D 4059
- Furan analysis – ASTM D 5837/ IEC 61198
- DBPC analysis- – ASTM D 4768 or / D2668/ IEC 666/ IS 13631
- Density – ASTM D 1298/ IEC 296/ ISO 3675/ IEC 60422/ IS 1448 P:16
- Viscosity – ASTM D 445/ ISO 3104/ IS 1448 P: 25
- Corrosive sulfur test – ASTM D 1275-B/ IEC 62535/ ISO 5662/ IS 335/ IS 1866
- Oxidation – ASTM D 2112
- Sludge content – ASTM D 2440/ IEC 74/ IS 335
- Flash point – ASTM D 92/ ISO 2719/ IS 1448 P:21
- Pour point – ASTM D 97/ ISO 3016/ IS 1448: P10
- Gassing tendency (Resistivity) – ASTM D 2300/ IS 6103
- Wear metal analysis – ASTM D 5185
- Aniline point – ASTM D 611

TO FIND OUT MORE ABOUT OUR FUEL OIL TESTING SERVICES, CONTACT US TODAY

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SGS IS THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY

SGS

When you need to be sure