



# Transformer Oil Analysis



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## Transformer Oil Analysis

As a universal industry practice, having your transformer oil routinely tested is an indispensable part of a preventative maintenance program. A transformer oil analysis allows you to monitor your equipment condition while detecting potential issues. During the transformer oil analysis, we monitor the oil's water content, contamination, acidity, power factor, and dielectric strength in order to identify issues before they result in equipment failure.

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**We recommend that your transformer oil should be tested periodically:**

- General and Physical Tests: Every 6 months
- Dissolved Gas Analysis: Every Year
- Furan Testing: Every Two Years

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## Benefits of a Transformer Oil Test:



Determines the condition of the equipment



Ensures equipment reliability



Reduces downtime and repair costs



Maximizes the life expectancy of the equipment



Identifies excessive overheating, overloading, arcing, and suddenly occurring faults



Detects loose connections, badly butted joints, and paper insulation embrittlement