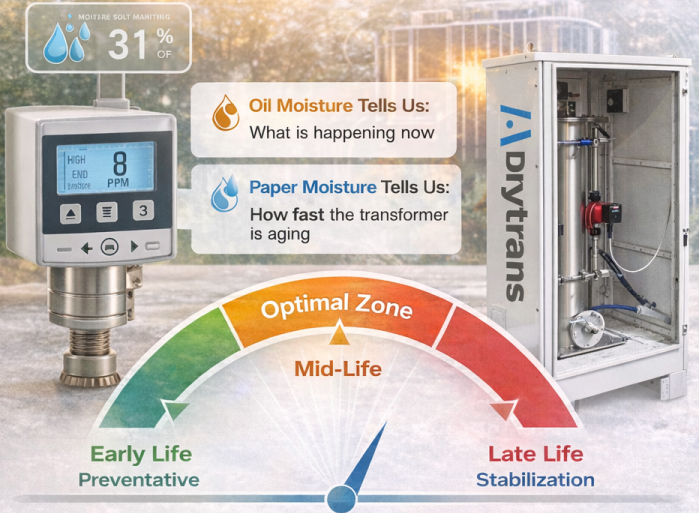


From **Moisture Monitoring** → to **Moisture Management**

A Smarter Way to Protect Power Transformers



When Should Moisture Management Be Adopted?

- **Early Life**
Preventative
- ▶ **Mid-Life**
Optimal Zone for Intervention
- ▶ **Late Life**
Stabilization

When until limits are exceeded means:

- Accelerated aging already occurred
- Mechanical risks increase
- Options become limited and expensive

DryTrans™
Online Continuous
Moisture Management

Oil moisture is familiar and easy. But **99%** of moisture is in the paper — and moisture management delivers control while aging is still reversible.

Discussion: At what stage of transformer life do you act on moisture?

From **Moisture Monitoring** →
to **Moisture Management**

A Life-Cycle-Based Strategy for Power Transformer
Insulation Health





**Monitoring
(Visibility)**


**Moisture
Management**


Vaisala MHT410
Moisture Hydrogen
& Temperature
Transmitter


DryTrans
MMS90
Online
Moisture
Management
System

- ✓ Controls insulation aging rate
- ✓ Extends mechanical life of transformers
- ✓ Reduces maintenance and unplanned outages
- ✓ Stabilizes moisture equilibrium continuously over the life cycle

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From **Moisture Monitoring** →
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A Life-Cycle-Based Strategy for Power Transformer
Insulation Health



**Monitoring
(Visibility)**

H2scan GRIDSCAN 6000

Hydrogen, Moisture & Temperature Monitor

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