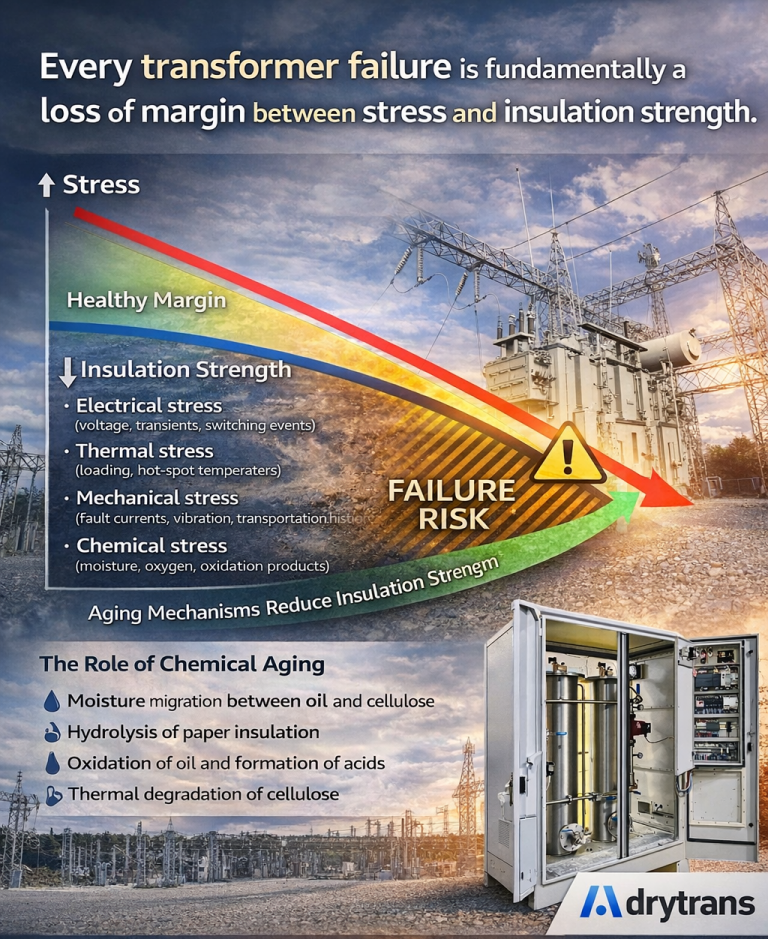
Every transformer failure is fundamentally a loss of margin between stress and insulation strength.



The Role of Chemical Aging

- **Moisture** migration **between oil** and cellulose
- **Hydrolysis** of paper **insulation**
- **Oxidation** of oil and formation of acids
- Thermal degradation of cellulose

drytrans

Monitor Shows the Condition | **Managing** the Degradation Mechanism

Maintaining low moisture levels over time is critical to preserve the balance between stress and insulation strength.

#PowerTransformers #TransformerReliability #AssetManagement #ConditionMonitoring #ReliabilityCenteredMaintenance #ElectricalInfrastructure