The state of the oil-cellulose insulation system is one of the key parameters influencing life expectancy and reliability. Oxidation is the main reason for oil ageing. Ageing is influenced by temperature, as well as metals like copper and iron. Water, acids and sludge are the oxidation products which cause the most concern. Reclaiming of transformer oil is a measure to restore the oil’s properties to very near those of new oil. It is important to point out that reclaiming is not a drying process. If the transformer insulation is very wet, drying of the transformer should be considered in combination with reclaiming.

**Customer needs**
- Extend lifetime of an important network transformer (200 MVA/300 kV)
- Short downtime available for oil exchange

**ABB response**
- On-line oil reclaiming to remove acids from oil

**Customer benefits**
- On-line operation: no downtime
- Resource friendly: no need for new oil
- Long lasting effect
For more information please contact:

ABB Ltd.
Transformer Service
Affolternstrasse 44
P.O. Box 8131
8050 Zurich, Switzerland

www.abb.com/transformers

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