NOVA INDUSTRIAL SA

Xb and Za Additives®

Increase the lifetime and the availability of power transformers in operation

As a result of dedicated research activity conducted over the years, **NOVA INDUSTRIAL S.A.** is now able to offer to its clients (power companies but not only), two additives: **Za and Xb**.

The **Za and Xb additives** are meant to improve the characteristics of the new mineral oil and of the complex paper-oil insulation of the new power transformers or of the ones already in operation.

The **Za and Xb additives** have proved to have a direct influence over the lifetime and the availability of power transformers.

Xb additive stabilizes the transformer oil from the "polar characteristic" point of view, reduces the negative effect of the oil polarity and of the static electricity over the insulation parameters of the transformer, over the reliability and the availability of the transformer in operation.

Za additive is an antioxidant additive that improves the lifetime of the oils that have never been subject to an additive process. For example, for the transformer oil, TR 30.01 type, an addition of **Za additive** (between 0,25% and 0,40 % of the oil's quantity) produces the increase of the oil's lifetime of 3-8 times (from the point of view of the induction period). This effect does not affect in a negative way the other characteristics of the oil or of the solid insulation and leads to an implicit increase of the lifetime of the complex paper-oil insulation of the transformer.

The influence of the **Za and Xb additives** over the transformers mineral oils (type: TR 25 A, TR 30.01, GK, Shell, etc.) has been already studied (tests results are available upon request).

Together with the **Za and Xb additives** (that are delivered as a concentrated mixture of oil and additive), the client receives also the additive technology and the reports of the analyses, done for the oil with and without the mentioned additives. The process of adding additives is facile and does not require special measures.



100% created & made in ROMANIA

Over 25 years of experience

ISO 9001, ISO 14001, ISO 45001

QUALITAS
CERTIFICAT SMC NR. QC/1105
SR EN ISO 9001 : 2015

QUALITAS
CERTIFICAT SMM NR. QM/1034
SR EN ISO 14001 : 2015

QUALITAS
CERTIFICAT SMSSM NR. QSM 38
SR EN ISO 45001 : 2023

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