



TRANSFORMER-LIFE-MANAGEMENT CONFERENCE

Naphthenic Mineral Insulating Oils in a Challenging Market Dynamics

Mr. Sutarmono **Nynas Pte Ltd**

Sutarmono started to work with Nynas in October 2009 as the General Manager of PT Nynas Indonesia to take care the activity of Nynas in Indonesia. In his role, he manages the team to cover the different applications and segments where Nynas specialty oils are used in the industry. This includes the four segments in Tyre Industry, Chemical Industry, Lube Industry and last but not least the Electrical Industry where Nynas Transformer oil is being used.

On top of his role , Sutarmono also responsible as Area Manager of Transformer Oil for the ASEAN countries.

Prior working with Nynas , back in 1990 Sutarmono started his career in one of the Belgian Transformer manufacturer - Pauwels Trafo , which was taken over by Crompton Greaves in 2005. During his career in Pauwels / CG Power System, he has been working in various functions, in the Design , Materials and Planning, Project and Sales, Procurement and also in Supply Chain.

Sutarmono has a Mechanical Engineering Background from Politeknik Mekanik Swiss – ITB, and completing CBM programme at Prasetya Mulya Business School – Jakarta.





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Mr. Sutarmono, PT Nynas, Indonesia
Mr. Johan Grovik, Nynas AB, Sweden
Mr Chian Yaw Toh, Nynas Pte LTD

Abstract

As a country develops, urbanizes and industrializes, the quest and need for efficient power/electrical generation and effective supply to populated areas become priority. Frequent down time in electrical supplies quickly translates into opportunities losses and adversely affects the social and economic aspects of the country.

Insulating oil, also frequently or more commonly known as transformer oil is one of the essential components in the build-up of transformers. Two important requirements of insulating oil are to provide essential insulation and efficient cooling to the power, transmission and distribution equipment.

The life of the transformer is equated to the life of the paper. High quality insulating oil which meets in-service demands of the transformer and in combination with the appropriate and correct monitoring/maintenance practices and techniques, protects the paper and in return contributes to the longevity of the transformer.

Selecting the right type and high-quality insulating oil for service is also important. Understanding the requirements and specifications of insulating oil helps and ensures an overall reliable system and the life time of the transformer.