



Transformer Oil

High Quality Insulating Oil

Technical Data Sheet

Product Description:

Muxxol Transformer Oil is a high quality insulating oil having high dielectric strength. It meets the requirements of IS: 335 – 1993.

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Features & Benefits

Muxxol Transformer Oil provides the following benefits:

- High dielectric strength
- High flash point
- Low pour point
- Resistant to oxidation
- Free from corrosive chemicals

Applications / Recommendations:

Muxxol Transformer Oil is recommended for use in oil filled transformers, circuit breakers, switches and any other oil immersed electrical equipments.

- **India office (licensee)** : Plot No.S3 & S4, TSIIIC, Autonagar, Hyderabad – 500070.
- **Germany Office** : Muxx Oil GmbH, Frankenhauser Str. 15, 12249 Berlin, Germany.
- **Taiwan office** : Muxx Oil GmbH 3F, No.215, Zhongzheng Rd. Shulin Dist. New Taipei City, Taiwan.
- For further information please email us on info@muxx.in

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Typical Properties:

Muxxol Transformer Oil	
Properties	Typical Value
Appearance	Clear, Transperant and free from suspended matter or sediment
Density @ 29.5°C, max	0.83
Kinematic Viscosity at 27 °C, max	23.59
Interfacial Tension at 27 °C, minimum, N/m	0.051
Flash Point Pensky - Martin (closed), minimum	180
Pour Point, °C maximum	- 21
Neutralization value	
a) Total acidity, mg KOH/g, max.	0.011
b) Inorganic acidity / alkalinity	Nil
Corrosive Sulphur	Non - Corrosive
Electric Strength (breakdown voltage)	
a) New unfiltered oil, KV, minimum	36.5
b) After filtration, KV, minimum	68.5
Dielectric dissipation factor (tan delta at 90 °C), max	0.00033
Specific resistance (resistivity)	
a) At 90 °C, minimum, ohm -cm	546 X 10 ¹²
b) At 27 °C, minimum,ohm - cm	6840 x 10 ¹²
Oxidation Stability	
a) Neutralization value after oxidation, max, mg KOH / g	0.03
b) Total sludge after oxidation, max	Nil

Health and Safety:

Muxxol Transformer Oil is not expected to produce adverse effects on health when used for the intended application and the recommendations provided in the Material Safety Data Sheet (MSDS) are followed. For MSDS please contact your local Balmer Lawrie Marketing / Technical Service team.

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