



**EXL
POWER**

Industrial & Automotive lubricants

ELECTRON

TRANSFORMER OIL



TRANSFORMER OIL / ELECTRON OIL

PRODUCT DESCRIPTION

Electron is fluid medium specially developed to meet the requirements of all types of transformers from medium to extra high voltage Range ensuring optimum performance and safety of the transformers. It cools the transformers and insulates the coils from electric short Circuit. It is non-conductive and has excellent fluidity, even at low temperature (-6°C). It has high flash point resulting in low evaporation Losses and has good dielectric properties resulting in minimum power loss.

APPLICATIONS

Electron is recommend to use in all type of small and heavy transformers and electric starters and other electric equipments Which are required transformer oil.

PERFORMANCE LEVEL

- ELECTRON OIL (TRANSFORMER)
- IS : 335-1993 (RA 2005) specifications

BENEFITS

- High dielectric strength ensures excellent insulation and quenching of electric arc between switchgear contacts when opening the switch.
- Low power-loss contributes to overall efficiency
- Free from traces of water, dust and fibrous material and hence has no detrimental effects on the electric properties of the oil leading to Maximizing oil and equipment life.
- Low viscosity and high interfacial tension ensures good wetability of oil and removal of air gaps to insulate windings and dissipate heat.
- Effective long term protection from rust and corrosion to critical system components

TYPICAL PROPERTIES

CHARACTERISTICS	ELECTRON OIL
Kinematic Viscosity @ 40°C (mm ² /s)	14
Dielectric Strength (IEC 156),kV	50+
Pour Point (°C)	-20
Flash Point (°C, COC)	146

*This bulletin was prepared in good faith from the best information available at the time of issue. While the values and characteristics are considered representative, some variation, not affecting performance, can be expected. It is the responsibility of the user to ensure that the products are used in the applications for which they are intended.
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