



TECHNICAL DATA

SUPREME SPECIAL TRANSFORMER OIL

PRODUCT DESCRIPTION

Supreme Special Transformer Oil is un-inhibited highly-refined naphthenic oil manufactured for use in electric transformers and switchgears as an insulating and heat transfer medium.

APPLICATION

Supreme Transformer Oil Un-inhibited oil conform to B.S. 148/1984 and IEC Specification 296 (82) and is also used as an insulating and cooling medium where oil of high thermal and oxidation stability is required. Transformer Oil meets class I and class II of BS 148 and IEC 296 specification.

PERFORMANCE LEVEL

Meets IEC - 296 (1982), BS -148 (1984)

BENEFITS AND ADVANTAGES

- High dielectric strength
- Very low pour point
- Free from acids and corrosive sulfur

SPECIFICATION & TECHNICAL PARAMETER

#	Test	Method	Result
1.	Appearance	Visual	B&C
2.	Specific gravity @ 15 °C	ASTM D 4052	0.886
3.	Kin. Viscosity @ 40 °C	ASTM D 445	9.0
4.	Kin. Viscosity @ -30 °C	ASTM D 445	1180
5.	Dielectric strength (before treatment)	IEC 156	40 – 60
6.	Dielectric strength (after treatment)	IEC 296	>70
7.	Flash Point, °C	ASTM D 92	130
8.	Pour Point, °c	ASTM D 97	-45
9.	Oxidation Stability @ 100 °C 164h		
a.	Neutralization value	ASTM D 974	0.15
b.	Sludge	Wt %	0.02

*Technical data provided here is for reference only. Minor variations in product typical test data are to be expected.

**All the information contained in this document is considered to be accurate as of the date of printing. No warranty or representation, expressed or implied, is made as to the accuracy of the data and information in this publication. It is the user's obligations to evaluate and use the products safely and to comply with all applicable laws and regulations. For more information, please contact your sales representative.