



# PRODUCT DATASHEET

## SPC TRANSFORMER OIL

Transformer Oil

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**SPC TRANSFORMER OIL** is a highly refined light mineral oil with high dielectric strength and excellent oxidation stability for electrical insulation applications.

### PERFORMANCE STANDARDS

**SPC TRANSFORMER OIL** complies with the following specification:

- BS 148 (Class I)
- IEC 296 (Class I)

### BENEFITS

**SPC TRANSFORMER OIL** will provide the following benefits:

- Ensures good insulation of electrical conductor.
- Prevents arcing between electrodes.
- Minimises dielectric loss.
- Provides long service life.
- Provides effective cooling of transformer coils.

### APPLICATIONS

**SPC TRANSFORMER OIL** is recommended for applications mainly in transformers and switchgears where BSI, IEC and AS or other comparable specification is required.

## TYPICAL CHARACTERISTICS

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### SPC TRANSFORMER OIL

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Viscosity, Kinematic	
at 40 °C, cSt	9.1
Flash Point, COC, °C	148
Pour Point, °C	-50
Density, 20 °C, kg/L	0.887
Dielectric Strength, KV	40
Dissipation Factor, at 90 °C, 40 to 60 Hz,%	0.001
Neutralisation Value, mg KOH/g	0.01
Water Content, ppm	10
Corrosive Sulphur	Non-corrosive
Anti-oxidant Additives	Not detectable
Oxidation Stability at 164 hours	
Total Acidity, mg KOH/g	0.24
Sludge, % mass	0.08

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