

Product Data Sheet

Yituo 25# Transformer Oil

1. Product Introduction:

Yituo Transformer Oil Series products are formulated using deeply refined base oils and antioxidants through advanced blending technology.

2. Performance Features:

- **Excellent Electrical Insulation:** Effectively prevents discharge phenomena under electric fields.
- **Superior Oxidation Stability:** Inhibits the formation of acidic substances and sludge.
- **Effective Thermal Conductivity:** Ensures efficient cooling of transformer cores and windings.

3. Technical Specifications:

- Compliant with **GB 2536-2011**.

4. Applications:

- Suitable for transformers with voltage classes **below 330kV** and electrical equipment with similar requirements, serving as an insulating and cooling medium.

5. Typical Data:

Item	Typical Value	Test Method
Appearance	Clear, free of sediment & impurities	Visual inspection
Kinematic Viscosity (40°C), mm ² /s	7.65	GB/T 265
Flash Point (Closed Cup), °C	144	GB/T 2541
Pour Point, °C	-31	GB/T 3535
Acid Value, mgKOH/g	0.005	SH/T 0836
Water Content, mg/kg	8	GB/T 7600
Water-soluble Acids or Alkalis	None	GB/T 259
Breakdown Voltage (2.5mm gap, at delivery), kV	53.6	GB/T 507
Dielectric Dissipation Factor (90°C)	0.0005	GB/T 5654

These data are given as an indication of typical values and not as exact specifications.

6. Precautions:

- Select oil grades and viscosity levels appropriate to the equipment's specifications.
- **Storage containers must be dedicated;** protect against water, moisture, and mechanical impurities during storage/transport.
- Maintain tank cleanliness during use. Clean tanks and oil circuits thoroughly during oil changes to avoid contamination.
- **Do not mix with other oils.**



The information contained herein is subject to change without notification due to continuing research & development therefore properties may be subject to slight variations.