

**Continental Petroleums Ltd.**

email : [conpetco@gmail.com](mailto:conpetco@gmail.com)

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## **CONTOL Transformer Oil (Typical Product Data Sheet)**

Contol Transformer Oil are insulating oils are highly refined mineral oils, produced by multi-stage refining of crude oils. These are specifically manufactured with high degree of purity and stability for use in electric transformers and switch gears as an insulating and heat transfer medium.

### **Features and Benefits**

Contol Transformer Oils offer the several chacterstics:

- Low pour point.
- Non Corrosive.
- Low viscosity oils offering excellent and fast heat transfers.
- High insulation resistance between transformer windings or high megger value.
- Reduces temperature rise during service, because of lower electrical losses.
- Reduces aromatic content and sulphur content.

### **Applications**

Recommended for use in:

- Power Transformers.
- Distribution transformers.
- Circuit breakers.
- Oil filled switches.

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### Specifications

Contol Transformer Oil meets :

IS 335: 1993

### Typical Properties

#### Appearance

Clear, transparent & free from  
suspended matter or sediments.

Density @29.5 Deg.C Max., IS1448(P-16)-1990	0.831
Kinematic Viscosity, IS:1448(P-25)-1976	
cSt @27 Deg.C	20.80
Interfacial Tension,at 27 Deg.C, Min.	0.048
Flash Point, PMCC, Min. (Barometric Pressure Correction)	162.50
Pour Point, Max.	-27
Neutralization Value,Total Acidity, Max.	0.0012 mg KOH/gm
Corrosive <a href="#">Sulphur@140Deg.C</a> for 19 Hrs.	Non Corrosive
Electric Strength (BDV), IS 6792:1992	
New unfiltered oil, Min.	78 kV (rms.)
Dielectric Dissipation Factor, (tan delta) at 90 Deg.C Max.	0.0003
Specific Resistance (Resistivity)	
@90 Deg.C, Min	756 x 10 <sup>12</sup>
@27 Deg.C, Min	17860 x 10 <sup>12</sup>
Oxidation Stability @100 Deg.C for 164 hrs.	
Neutralization Value after oxidation, Max.	0.032 mg KOH/g
Total Sludge, after oxidation, Max.	0.029 % by wt.
Presence of oxidation inhibitor, % by weight	Not Present
Water Content, Max	9.70 ppm

Specification : Conforms to IS:335/1993 with upto date amendments.

Note: The above data is indicative of recent average values. Minor variations which do not affect product performance or quality.