



# Transformer Oil

Naphthenic transformer oil

Product code: W003

## Product Description:

Exol Transformer Oil is manufactured using special naphthenic mineral base oils which possess inherently high dielectric strength. It is manufactured under strict conditions to conform to IEC 60296 Edition 4.0 and BS 148 Class I & II requirements.

## Benefits:

- Excellent oxidation stability
- Excellent cooling properties
- Excellent low temperature performance
- High dielectric strength for electrical insulation

## Applications:

Transformer Oil is recommended for oil filled power and distribution transformers, rectifiers, circuit breakers and switchgears where an uninhibited transformed oil or dielectric fluid is specified. It will dissipate heat, insulate windings and quench the spark between the opening contacts when tap changing.

**Care should be taken to avoid even the smallest contact with water. Once opened, the product is prone to contamination with moisture from the air.**

## Product Specification:

Transformer Oil meets the requirements of the following standards:

IEC 60296 Edition 4.0	IEC 62535
DIN 51353	ASTM D1275 Method B
BS 148 Class I & II	AS 1767-1975
ASTM D3487 Type I	

## Typical Test Data:

ISO viscosity	10
Colour	Water white
Appearance	Clear & Bright
Density @ 20°C (g / ml)	0.877
Kinematic viscosity @ 40°C (cSt)	9.5
Neutralisation value (mg KOH / g)	<0.01
Breakdown voltage (kV)	40 - 60
Polycyclic aromatic content (% weight)	<3
Pour point (°C)	-51
Flash point (°C, PMCC)	150