

ENOC ARC TRANSFORMER OIL

PRODUCT DESCRIPTION

ENOC ARC Transformer oil is an uninhibited premium quality transformer and switchgear insulating oil manufactured from high quality Naphthenic mineral oil stocks. **ARC** Transformer oil possesses good oxidation stability, high dielectric strength and resistance to acid and sludge formation to meet the technical requirements of the Transformer manufacturers.

APPLICATIONS

- ◆ All makes of transformers
- ◆ Oil immersed electrical switch-gear
- ◆ Circuit breakers
- ◆ Oil filled capacitors

PERFORMANCE STANDARDS - UNINHIBITED

BS 148 1984 Class I, II
IEC 296 1982 Class I, II

BENEFITS

ARC provides:

- ◆ Excellent oxidation stability
- ◆ High dielectric impulse strength
- ◆ Low electrostatic charging in operation
- ◆ Good resistance to breakdown voltage

STORAGE PRECAUTIONS

Transformer Oils require special handling and storage. ENOC strongly recommends that drums are stored horizontally inside a warehouse. The transfer of **ARC** in bulk and its storage must be in dedicated containers. Electrical oil service equipment must be available when the product is transferred. These precautions are necessary to ensure the transformer oil is protected against moisture and dirt. The oil must be kept clean and dry.

Technical Data*		
Transformer Oil Type	Class I	Class II
Density, g/cm ³ @ 15°C	0.875	0.861
Viscosity, mm ² /s @ 40°C, ASTM D445	15.0	10.0
Viscosity mm ² /s @ 20°C, ASTM D445	35.0	23.0
Flash Point, PMCC, °C, ASTM D 93	146	140
Pour Point, °C	-36	-48
Breakdown Voltage, KV IEC 296	60	64
Neutralisation Value, mg KOH/g, IEC 296, ASTM D974	0.005	0.004
Gassing Tendency, mm ³ /min, IEC 628 (A)	+3.0	+3.5
Product Code	243001	243002

*The information prepared provides the typical properties that are considered as representative. Some variation which will not affect performance is possible

HEALTH AND SAFETY, ENVIRONMENT

The information on this product is available in the ENOC Material Safety Data Sheet (MSDS) as a guide to the precautions and safe handling of this product and its disposal. For further information we recommend you review the MSDS. Handled correctly there are no special precautions suggested.