

# ENOC ARC TRANSFORMER OIL

## PRODUCT DESCRIPTION

**ENOC ARC** Transformer oil is an uninhibited premium quality transformer and switchgear insulating oil manufactured from high quality virgin mineral base oil. **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

IEC 60296- edition 5, 2020

## 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*	
Density, g/cm <sup>3</sup> @ 15°C	0.861
Viscosity, mm <sup>2</sup> /s @ 40 °C, ISO 3104	10.0
Viscosity mm <sup>2</sup> /s @ -30 °C, ISO 3104	1291
Flash Point, PMCC, °C, ISO 2719	147
Pour Point, °C, ISO 3016	-60
Breakdown Voltage, KV After treatment, IEC 60156	75
Acidity, mgKOH/gm, Acidity, IEC 61125 C	<0.01
Oxidation Stability at 120 °C, 164 hours, IEC 61125, C	PASS
Dielectric Dissipation Factor (DDF @90 °C) Max. IEC 60247	0.005
Water content mg/kg, IEC60814	20
Metal Passivator additive mg/kg, IEC60666	Not Detectable
Anti Oxidant additives (Inhibitors), %, Max. IEC 60666	Not Detectable
Product Code	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.

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