

HIGHTEC ELECTRICAL INSULATING OIL 1

Electrical insulating oil

Description

HIGHTEC ELECTRICAL INSULATING OIL 1 is made from a severely hydrotreated naphthenic oil to meet the specification-requirements defined in IEC 60296 ed.4 (2012) general specifications.

Application

Power- and distribution transformers, switch-gears and circuit breakers.

Breakdown Voltage (before treatment): 54 kV (IEC 60156)

Breakdown Voltage (after treatment) : 73 kV (IEC 60156)

The quality of this product is equivalent to EU regulations

- IEC 60296 Edition 4.0 from 2012, for un-inhibited Transformer Oil
- Corrosive tests:
- ASTM 1275 method B, IEC 62535 and DIN 51353

Typical characteristics

Property	Method	Unit	Value
Density at 20 °C	ASTM D1122	g/ml	0,879
Kinematic viscosity KV 40	ASTM D-7042	mm ² /s	10,4
Flash point	ASTM D-92 / DIN EN ISO 2592	°C	145
Pour point	ASTM D-97 / DIN EN ISO 3016	°C	-60

The characteristics shown are typical of current production. This data cannot be constructed as a legally binding warranty or guaranty of certain product properties or of the suitability of the product for a specific application. ROWE products are continually improved. Therefore ROWE reserves the right to change all the technical data in this product information at any time without notice. All sales and deliveries shall be subject to our current General Terms and Conditions of Sale and Terms (www.rowe-oil.com).

Benefits

High Dielectric Strength

- Good Oxidation Stability
- Excellent Cooling Properties in cold and hot climates
- Is fully miscible with insulating oil meeting the requirements set by IEC 60296:2012
- Antioxidant-, PCB-, DBDS-, Passivator- and Metal Deactivator-free

