



RAVENOL Trafoel 1000P

Kategorie: Industrial oil

Artikelnummer: 1330201

Oil type: Mineral

Application: Industry



Transformer oils (insulating oils) are exposed to the influence of heat and oxygen, electric fields, and the catalytic effect of copper. For these reasons, high demands are made on the oxidation resistance of the transformer oil.

RAVENOL Trafoel 1000P meets these high standards. It is an insulating oil which has been specially developed for use in transformers and switches.

RAVENOL Trafoel 1000P has been proving itself under extreme operating conditions for a number of years. It has high purity due to the excellent oxidation stability. This means a long life of the oil filling.

Application Note

RAVENOL Trafoel 1000P Transformer oil is used as coolant and insulating oil in electrical equipment such as transformers, converters and switches as well as used as a dielectric in capacitors.

Additional information: All packages should be kept under cover. In an unprotected outdoor storage without a roof, the oil drums should be laid horizontally to store in order to avoid the possible ingress of water and the obliteration of the label. The product should not be stored at temperatures above 60 ° C. It must be protected from direct sun light or freezing conditions.

Characteristics

- Use in extreme operating conditions
- Excellent low temperature properties
- High degree of purity
- Excellent oxidation stability
- Long life of the oil filling
- Very good cooling capacity and a quick oil circulation

200L | 1330201-200
1000L | 1330201-700

Technical Product Data

PROPERTY	UNIT	DATA	AUDIT
- after	kV	70	DIN 51757
- Acid Number	mgKOH/g	1,2	DIN 51757
- before	kV	30	DIN 51757
Purity		Klar, frei von Feststoffen	IEC 60296
Viscosity at -30 °C	mPa*s	1800	ASTM D5293
Viscosity at 40 °C	mm ² /s	12,0	DIN 51562-1
Water content	mg/kg	30	IEC 60814
Density at 20 °C	kg/m ³	895,0	EN ISO 12185
Dielectr. Loss factor (DDF) at 90 °C		0,005	IEC 60247
DMSO Extract (PCA)		3	IP 346
Flashpoint	°C	135	DIN EN ISO 2592
Surface Tension	mN/m	40	ISO 6295
Inhibitors	Gew%	-	DIN 51757
Corrosive Sulphur		-	IEC 62535
PCB		-	DIN 51757
Pourpoint	°C	-40 - -48	DIN ISO 3016

All indicated data are approximate values and are subject to the commercial fluctuations.