



## Neste Trafo 10X

Transformer oil

### PERFORMANCE CLAIMS

IEC 60296 (ed.4)

ASTM D 3487 Typ II

### DESCRIPTION

NESTE TRAF0 10X is high quality inhibited transformer oil.

NESTE TRAF0 10X is specially designed for cold/arctic conditions and power and distribution transformers, where high cooling capacity is required.

### PERFORMANCE CLAIMS

-Excellent cold temperature properties

-Long lifetime

-Good cooling capacity

TYPICAL CHARACTERISTICS	Tyypillinen		Max	Testimenetelmä (ISO)
	Min			
Density kg/m <sup>3</sup> 20°C	874		895	12185
Pour Point °C	-63		-45	3016
Viscosity cSt/ 40 °C	7.6		8	3104
Viscosity cSt/ -30 °C	730		800	3104
Neutralization value, mg KOH/g	<0,01		0,01	IEC 62021
Antioxidant phenols, p-%	0,3	0,08	0,4	IEC 60666
Water, mg/kg	<20		30	IEC 60814
Break down voltage as delivered, kV	40-60	30		IEC 60156
Dissipation factor, 90 °C and 50Hz	<0,001		0,005	IEC 60247
Surface tension, mN/m	49	40		EN 14210
Appearance	Bright & Clear			Visual
Flash point, (P-M),°C	142	140		2719
Corrosive sulphur	non-corrosive	non-corrosive		DIN 51353

### APPLICATIONS

Neste Trafo 10X is used in transformers specially in varying environment temperatures. Excellent cold properties guarantee problem free operation even at extreme cold.