



Vegetable Oil Based Transformer Oil

Description

Vegetable oil-based transformer oil is extracted from vegetable oil and formulated with high-efficiency and high-temperature antioxidants. This transformer oil boasts excellent cooling properties, robust oxidation stability, low noise levels, the ability to sustain prolonged stable overload operations, and superior electrical performance. Even in the presence of elevated moisture levels, it exhibits minimal impact on electrical properties. Notably, it is environmentally friendly, being biodegradable and promoting green initiatives.

Properties

Items	Specification	Test value	Test method
Appearance	Transparent without mechanical impurity	Transparent without impurity	Visual
Density @20°C , kg/m ³	895	860	SH/T0604-2000
Viscosity @40°C, mm ² /s @-30°C, mm ² /s	12 1800	7.09 1100	GB/T265-1988
Pour point, °C	-30	-44	GB/T3535-2006
Flash point (Open Cup), °C	135	206	GB/T267-1988
Acid value, mgKOH/g	0.01	0.01	NB/SH/T0836-2010
Corrosive sulfur	Non- corrosive	Non -corrosive	SH/T0804-2007
Oxidation stability, 120°C, 164h Acid value, mgKOH/g Sediment, %(m/m)	0.3 0.01	0.024 0.007	IEC61125 Method C
Breakdown voltage(2.5mm), untreated	40	56	GB/T507-2002
Water-soluble acid or alkali	None	None	GB/T259-1998
Dielectric dissipation factor, 90°C	0.03	0.005	GB/T5654-2007
Volume resistivity 90°C G Ω m	2	26	GB/T5654-2007
Water content, mg/kg	200	34	GB/T7600-2014
Equivalent to the quality of Japan DL-7.			