

HPURE PLUTUS TRANSFORMER OIL IHT

Product Description

Transformer Oil premium quality insulating oil blended from highly refined base oils with corrosion inhibitors. This product is designed to meet the exacting requirements of major electric equipment manufacturers. They also exhibit excellent oxidation stability and high resistance to deposit formation. This ensures long service life with minimal maintenance. Service life of the oils and electric units is lengthened by removal of corrosive sulphur, which can be extremely damaging to the transformers. This insulating oil meets and exceeds the toughest demands on dielectric strength when stored and handled correctly.

This product is excellent for use in transformers, circuit breakers, and rheostat and other electric apparatus.

Applications / Benefits

- Υ High dielectric strength
- Υ Excellent cooling properties
- Υ High oxidation stability and resistance to deposit formation
- Υ High flash point and chemical stability

Typical Characteristics

Test Description	Method	Unit	
Density @ 20 °C	ASTM D 4052	g/ml	0.868
Flash Point	ASTM D 92	°C	147
Kinematic Viscosity @ 40°C	ASTM D 445	cSt	8.7
Kinematic Viscosity @ -30°C	ASTM D 445	cSt	718
Breakdown Voltage, Untreated	UNE EN 60156	kV	>50
Dielectric Loss Factor @ 90°C	ASTM D 93	°C	<0.001
Oxidation, Maximum Sludge	IEC 61125	% Weight	<0.03
Oxidation, Dielectric Loss Factor	IEC 61125	-	0.02
Oxidation, Total Acidity	IEC 61125	mgKOH/g	0.07
Inhibition	-	-	Yes

Specifications, Approvals & Recommendations

Y IEC	60296: ED. 5 2020
Y LPS	EDITION MAY, 2020
Y TNB	GTS-GSE-TX-SECTION 2A

Reference No.
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