

Q8 Transformer Oil U

Uninhibited transformer oil

Description

Q8 Transformer Oil U is a high performance transformer oil. It is uninhibited (U) based on naphthenic mineral oil and free from PCB's. For insulating and cooling of transformers and other oil-filled electrical equipment.

Applications

The product can be used in all types of oil-filled electrical equipment, including power and distribution transformers and switchgears.

Features

Enhanced technology

Transformer efficiency

Benefits

Exceptional performance, specifically developed for use in oil-filled electrical equipment

The product exceeds industry requirements on dielectric strength

Superior uninhibited formulation which gives long and trouble-free service life

Specifications & Approvals

IEC

60296:2020 Part 5

Properties

	Method	Unit	Typical
Appearance	IEC 60296		Clear, Free from Sediment
Density, 20 °C	ISO 12185	kg/dm ³	0.879
Kinematic Viscosity, 40 °C	ISO 3104	mm ² /s	9.5
Kinematic Viscosity, -30 °C	ISO 3104	mm ² /s	1030
Pour Point	ISO 3016	°C	-61
Acidity	IEC 62021	mg KOH/g	<0.01
Corrosive Sulfur	DIN 51353		Non corrosive
Corrosive Sulfur	D 1275		Non corrosive
Corrosive Sulfur	IEC 62535		Non corrosive
Sulfur	ISO 14596	% mass	<0.01
Inhibitors (antioxidant)	IEC 60666	% mass	Non detectable
Water content	IEC 60614	mg-kg	<10
Furfural content	IEC 61198	mg-kg	Non detectable
Interfacial tension	ISO 6295	mN/m	47
Breakdown voltage, Before treatment	IEC 60156	kV	45
Breakdown voltage, After treatment	IEC 60156	kV	72
Oxidation Stability at 120 °C (164 hr), Total acidity	IEC 61125	mg KOH/g	0.7
Oxidation Stability at 120 °C (164 hr), Sludge	IEC 61125	% mass	0.2
Oxidation Stability at 120 °C (164 hr), DDF at 90 °C	IEC 61125		0.037
Flash Point, P-M	ISO 2719	°C	144
PCA content	IP 346	% mass	<3
PCB content	IEC 61619	mg-kg	Non detectable, 0
DBDS	IEC 62697	mg-kg	Non detectable, 0

The figures above are not a specification. They are typical figures obtained within production tolerances.