Q8 Transformer Oil U

Application
- Transformers

Specifications
- IEC 60296:2012

Benefits
- High dielectric strength
- Low dissipation factor
- No effect on the isolating material
- Good thermal conductivity

Properties	Method	Unit	Typical
Limits		-	
Appearance	IEC 60296	-	Clear, free from sediment
Absolute Density, 20 °C	D 1298	kg/m³	875
Kinematic Viscosity, 40 °C	D 445	mm²/s	9.5
Kinematic Viscosity, -30 °C	D 445	mm²/s	900
Flash Point	D 93	°C	145
Pour Point	D 97	°C	-45
Sulphur	D 2622	% mass	0.1
Corrosive Sulphur	DIN 51353	-	Non corrosive
Water content	IEC 60814	mg/kg	<10
Total Acidity	IEC 62021	mg KOH/g	<0.01
Dielectric Strength		-	
untreated ex works	IEC 60156	kV	40-70
treated	IEC 60296	kV	>70
Dissipation factor, 90 °C	IEC 60247	-	0.002
Oxidation Stability	IEC 61125 C	-	after 164h at 120°C
Total Acidity		mg KOH/g	0.2
Sludge		%	0.09
Dissipation factor, 90 °C		-	0.030

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