



## WilSil Transformer Fluid

### Application

**WilSil Transformer Fluid** is a silicone based transformer oil used in closed oil transformers.

### Typical Data

Parameter	Unit	Value
Viscosity at 25 °C	cSt	47.5-52.5
Viscosity at 100 °C	CSt	13.6-18.6
Dielectric strength 3,000 v/sec rise	Volt/mil	350. Minimum
Appearance		Crystal clear liquid, free from suspended matter and sediment
Water	ppm	<50
Dielectric constant at 25 °C, 100 Hz		2.71
Pour point	°C	-50 max
Dissipation factor at 25 °C		<0.0001
Specific gravity 25 °C / 15.6 °C	g/cm <sup>3</sup>	0.957 / 0.963
Refractive index, 25 °C		1.4010 –1.4030
Colour		15 maximum
Flash point	°C	>300
Acid number BCP	mg KOH/g	0.01
Fire point	°C	>340

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