

ProSil[®] SF 50



Silicone Transformer fluid

2017-01-13

ProSil SF 50 Transformer Fluid is silicone type Transformer Fluid is an ideal safety fluid for use in closed oil filled transformers and can be used safely even when the transformer has to be located close to the load, indoors or near buildings.

ProSil SF 50 Transformer Fluid is pure silicone fluid, PDMS family, PolyDiMethylSiloxane. Since it is pure it contains no additives like chlorine or other halogens.

It is compatible with materials used in the construction of transformers, non-volatile, thermally stable and chemically inert. This gives free benefits as to prolong the life of the transformer and helps reduce maintenance.

ProSil SF 50 Transformer Fluid has been tested and approved by authorities around the world for use in electrical applications. Due to its high fire point (340°C) it is extremely difficult to ignite but, if it should burn, its emissions are extremely low and it is self-extinguishing. and end results would be CO-2, sand and water vapour .

ProSil SF 50 is stocked in 200 kg drums & 4x5 L cartons. On order in 25 Litre plasticpails.. For full details of this product please contact our sales office: mail@reinhardoil.dk

Characteristic's	Unit	Value
Viscosity @ 0°C	cSt	80 - 90
Viscosity @ 25°C	cSt	47.5 – 52.5
Viscosity @ 100°C	cSt	13.6 – 18.6
Dielectric Strength (rise.)	Volt/mil	350. Minimum (3,000 v/sec
Appearance -		Pass
Crystal clear liquid, free from suspended matter and sediment.		
Water	ppm.	<50
Dielectric constant 25°C, 100 Hz		2.71
Pour point	°C	-50 max.
Dissipation Factor @ 25°C -100 Hz.		<0.0001
Specific Gravity - 25C/15.6C		0.957 - 0.963
Flash Point Degree	°C	>300
Fire Point	°C	>340 (Cleveland open cup)
Refractive Index, 25C -		1.4010 - 1.4030
Color, APHA -		15 Maximum
Acid Number	mg KOH/g.	0.01 BCP

ReinhardOil.dk ApS
Helleruplund Alle 8
DK-2900 Hellerup
Denmark

Phone + 45 7026 7007
Fax + 45 7026 7047
E-mail: mail@reinhardoil.dk
www.reinhardoil.dk

