

Clear-coloured, highly fluid mineral oils, specially refined to meet the specifications of dielectric oils.

They possess outstanding oxidation resistance and very high dielectric strength.

PERFORMANCES

SUPER TRANSFO satisfies the requirements of specification IEC 60296 (04-2012).

USES

High-voltage transformers and circuit breakers.
Heat transfer fluids (electric radiators, hot plates) for temperatures below 150°C.

Test description	Units	Test method	Specifications	Typical values
Density at 20°C	kg/L	ISO 12185	<0.895	0.881
Flash point, PMCC	°C	ISO 2719	>135	148
Pour point	°C	ASTM D5950	<-40	-48
Viscosity at 40°C	mm ² /s	ISO 3104	<12	10
Viscosity at -30°C	mm ² /s	ISO 3104	<1800	1200
Breakdown voltage, before treatment, 2.5 mm	kV	IEC 60156	>30	50
Breakdown voltage, after treatment, 2.5 mm	kV	IEC 60156	>70	75
DDF at 90°C	-	IEC 60247	<0.005	0.001
Water content	ppm	IEC 60814	<30	15
Interfacial tension	mN/m	ASTM D971	>40	45
Acidity	mgKOH/g	IEC 62021-1	<0.01	<0.01
Oxydation stability at 120°C, 164 hours		IEC 61125, C		
Total acidity	mgKOH/g		<1.2	0.6
Sludge	%		<0.8	0.2
DDF at 90°C	-		<0.500	0.045

Fiche technique

The characteristics are given purely for information and are consistent with our current production standards. IGOL reserves the right to modify them, in order to pass on technical developments to its customers. Before using this product, you should consult the instructions for use and the environmental impact shown on the technical and safety data sheets. The information given above is based on the current state of our knowledge of the product in question. The product user should take all relevant precautions relating to its use. Under no circumstances may IGOL be held liable for damages resulting from misuse.

