

Dielectric Fluids

Description

Soltex synthetic dielectric fluids are alkylate/polybutene based insulating cable oils compatible with materials of construction that provide optimum high oxidative/thermal stability during manufacture and protection in service.

Properties

SPECIFICATION PROPERTIES	ASTM	DF 45	DF 100	DF 500	DF 3000
Kinematic Viscosity (cSt), 40°C					
Min	D 445	4	18	90	550
Max	D 445	7.3	24	110	650
Dielectric Dissipation Factor:					
100 °C/60 Hz, Initial	D 924	<0.001	<0.001	<0.001	<0.001
After 96 h/115°C/60 Hz	D 1934	<0.002	<0.002	<0.002	<0.002
Water, ppm	D 1533	<30	<30	<30	<30
Dielectric Strength, 23°C, KV	D 877	>35	>35	>35	>35
Acid Number, mg KOH/g	D 974	<0.02	<0.02	<0.02	<0.02
Color	D 1500	<1	<1	<1	<1
Flash Point (COC), °C	D 92	>130	>150	>165	>170
TYPICAL PROPERTIES					
Kinematic Viscosity (cSt), 100°C	D 2161	2	3.5	9.3	30
Specific Gravity, 15.6°/15.6°C	D 4052	0.85	0.86	0.86	0.875
Organic Chloride, ppm	D 2522	<40	<40	<40	<40
Pour Point, °C	D 97	<-50	<-40	<-25	<-25

Packaging

Product available in bulk railcars, tank trucks & drums.

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