

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
Color, Max	D 1500	1	1	1	1
Pour Point , °C Max	D 97	-50	-40	-25	-25
Flash Point (COC), °C Min	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
Acid Number, mg KOH/g Max	D 974	0.02	0.02	0.02	0.02
Water, ppm	D 1533	40	40	40	40
Dielectric Strength, 23°C, KV Min	D 877	35	35	35	35
Organic Chloride, ppm Max	D 2522	40	40	40	40
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

Packaging

Product available in bulk railcars, tank trucks & drums.

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