

ALPHA-4 FLUID

Description

Alpha-4 Fluid is a dielectric and heat transfer oil for special applications where operating temperatures are very high or ambient temperatures are very low. Made with 100% synthetic hydrocarbon oils, it is compounded with the most advanced antioxidants available. Providing excellent heat transfer characteristics and low-temperature properties, it has outstanding oxidation resistance.

Biodegradable and universally compatible with mineral transformer oil and standard insulation materials, Alpha-4 Fluid cools equipment better than other fluids. It is an excellent ceramic poling fluid. Due to its high quality, advanced base oils and oxidation inhibitors it provides longer service life at high temperatures.

Typical Properties	ASTM	Results
Appearance, N/A	D-1524	Clear
Color, N/A	D-1500	0.3
Specific Gravity, N/A, @ 15.6 °C	D-4052	0.8195
Viscosity, cSt., @ 40 °C	D-445	18.0
Viscosity, cSt., @ 100 °C	D-445	4.0
Flash Point, °C	D-92	237
Fire Point, °C	D-92	264
Pour Point, °C	D-97	-63
Acid Value, mg KOH/g	D-664	0.0029
Dielectric Breakdown, kV, 1 mm	D-1816	22
Dielectric Breakdown, kV, 2 mm	D-1816	35
Dissipation Factor, %, @100 °C	D-924	0.0219

* Does NOT contain fluorinated substances.

Packaging

Available in drums, totes & bulk.

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