BETA FLUID

- High dielectric strength
- Excellent heat and oxidation stability
- Interchangeable with mineral oil
- Exceptional non-toxic switching medium
- Original fill and topping fluid

FM APPROVED

ISO 9001:2008 REGISTERED

Fire Resistant Dielectric Fluid for Original Fill of Transformers

Used in worldwide applications, Beta Fluid is the industry standard for fire-resistant dielectric insulating oils. Universally interchangeable with mineral oil, it is an economical way to provide fire resistance to transformers and electrical equipment. Blended with carefully selected petroleum oils, Beta Fluid is guaranteed to be compatible with other dielectric fluids including Alpha-1 Fluid, mineral transformer oil and fluids containing PCBs or solvents. The base oils used for Beta Fluid are 100% hydrocarbon (note: Beta is not compatible with silicone fluid).

Beta Fluid is the best choice for all applications that require fire resistant fluids, while meeting all ASTM and IEEE standards for high fire resistant dielectric fluids made from petroleum. Compatibility allows you to utilize your standard maintenance procedures and equipment. We provide significant fire safety for your power equipment at affordable pricing.

Applications

- Any dielectric application and direct replacement for R-Temp*®
- Power and distribution transformers
- Transformer-rectifier sets
- Switch gears and tap changers mounted in transformers
- Note: Beta Fluid is not mixable with silicone transformer oil

TYPICAL CHARACTERISTICS - Compared with ASTM D5222, Guide for High Firepoint Oils

Characteristic & ASTM method	*Beta Fluid*	*ASTM Spec*
Fire Point, D92, °C	308	300 min
Viscosity, D88, cSt. @ 100 °C	11.8	14 max
Relative Density @ D1298, 15 °C	0.86	0.91 max
Pour Point, D97, °C	-24	-21 max
Color, ASTM units	L0.5	2.5 max
Appearance	Clear	Clear
Dielectric Breakdown,D877, kV	40	30 min
Dissipation Factor, D924 100 °C	0.10	0.30 max
Acid Value, D664, mg KOH/g	0.01	0.03 max

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*R-Temp is a registered trade mark of Cooper Power Systems, Inc.