OPTICOOL-PH5 FLUID

- Cools more efficiently than other fluids
- Superior heat transfer capabilities
- Higher oxidation and inhibitor stability
- Compatible with Mineral Oil

Highly Refined Heat Transfer and Insulating Fluid for Electronics and Industrial Process Cooling

OptiCool-PH5 Fluid is a highly efficient dielectric heat transfer fluid used to cool Electronics and industrial processes. OptiCool-PH5 has excellent heat transfer characteristics and a very high dielectric strength.

Containing advanced oxidation inhibitors, it provides longer service life at high temperatures. Compared to standard transformer oil, OptiCool-PH5 biodegrades faster and has better heat transfer characteristics.

Gallon for gallon, OptiCool-PH5 Fluid is almost 5% lighter than mineral oil.

OptiCool-PH5's enhanced electronic cooling performance allows equipment to be smaller in size and minimize the operating temperatures in any equipment.

Used to Lower Temperatures in Applications:

- Chemical process cooling
- Electronic circuit boards

TYPICAL CHARACTERISTICS - Compared with ASTM D3487, Guide for Mineral Insulating Oils

Characteristic & ASTM method	*OptiCool–PH5*	*Transformer Oil*
Flash Point, D92 °C	151	145 min
Viscosity, D88, cSt. @ 40 °C	5.72	12.0 max
Viscosity, D88, cSt. @ 100 °C	1.80	3.0 max
Specific Gravity, D1298, 20 °C	0.855	0.91 min
Pour Point, D97, °C	-12	-40 max
Appearance	Clear	Clear
Dielectric Breakdown,D1816, kV	58	35 min
Dissipation Factor, D924, 100 °C, %	0.01	0.30 max

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ISO 9001:2008 REGISTERED

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