

# OPTICOOOL-A FLUID

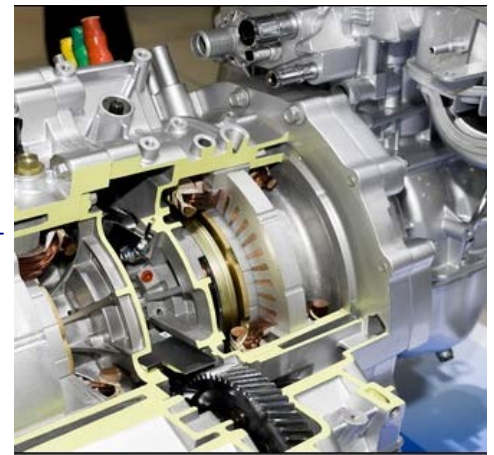
- Cools more efficiently than other fluids
- Superior heat transfer capabilities
- Higher oxidation and inhibitor stability
- Exceptional for extreme temperature applications
- Compatible with Mineral Oil
- Lightweight fluid with heavyweight heat transfer capability

## Synthetic Heat Transfer and Insulating Fluid for Electrical Automotive Engines and Circuits

OptiCool-A Fluid is a highly efficient dielectric heat transfer fluid used to cool electrical automotive engines and other equipment. OptiCool-A 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-A biodegrades faster and has better heat transfer characteristics. Gallon for gallon, OptiCool-A Fluid is almost 10% lighter than mineral oil.

OptiCool-A'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
- Immersion of electronic circuit boards
- Cooling of electrical automotive engines
- Excellent fluidity in extreme cold environments

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

<i>Characteristic &amp; ASTM method</i>	<i>OptiCool-A</i>	<i>Transformer Oil</i>
Flash Point, D92 °C	147	145 min
Viscosity, D88, cSt. @ 40 °C	6.4	12.0 max
Viscosity, D88, cSt. @ 100 °C	2.0	3.0 max
Specific Gravity, D1298, 20 °C	0.799	0.91 min
Pour Point, D97, °C	-57	-40 max
Appearance	Clear	Clear
Dielectric Breakdown, D1816, kV	58	35 min
Dissipation Factor, D924, 100 °C, %	0.01	0.30 max

ISO

9001:2008  
REGISTERED

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