

ALPHA-2 LOW VIS

Planet Saving Solutions

- Crystal clear color with no odor
- High dielectric strength
- Highly efficient cooling properties
- Superior switching medium and non-toxic
- Compatible with mineral

Synthetic Heat Transfer Fluid for Power Electronics and Ceramic Poling

Alpha-2 (Low Viscosity Version) Fluid is a dielectric and heat transfer oil for special applications where operating temperatures are very high or ambient temperatures are very low. It is a version of DSI's famous Alpha-2 Fluid, made with a special base oil that gives it enhanced low temperature fluidity. 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 resistance.

Alpha-2 Fluid Low Viscosity cools equipment better than other fluids. Due to its high quality, advanced base oils and oxidation inhibitors it provides longer service life at high temperatures.



Applications

- Any dielectric application at temperature extremes
- Cooling power electronic circuits and RF transmission equipment
- Chosen for use in overloaded transformers and viscosity-dampened switchgear
- Exceptional heat transfer characteristics insures equipment maintains low operating temperature
- Switchgear and tap changers mounted in transformers



**ISO
9001:2000
Certified**

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

<i>Characteristic & ASTM method</i>	<i>Alpha-2 Low Viscosity</i>
Flash Point, D92, °C	250
Viscosity, D88, cSt. @ 100 °C	3.4
Specific Gravity, D1298, 20 °C	0.83
Pour Point, D97, °C	-69
Appearance	Clear
Dielectric Breakdown, D1816, kV	58
Dissipation Factor, D924, 100 °C, %	0.01
Biodegradability (per BOD tests)	>60%

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