

# ELECTRICAL INSULATING FLUIDS

## Product Line Sheet

### *Dynamic Fluids ~ Global Solutions*

#### Dielectric Products

<b>Beta Fluid</b>	Low cost fire resistant insulating oil for new transformers and switchgear
<b>Alpha-1 Fluid</b>	Synthetic hydrocarbon fire resistant oil for refilling existing equipment originally filled with conventional transformer oil or PCB fluids
<b>ECO Fluid</b>	Economical, highly biodegradable, stable oil for use in environmentally sensitive locations where a high flash point is unnecessary
<b>ECO-FR Fluid</b>	Highly biodegradable with high flash point; used in environmentally sensitive locations. Will not polymerize as characteristic of vegetable seed oils
<b>Alpha-2 Fluid</b>	Specialty low temperature insulating oil; pours down to -70 degrees
<b>OptiCool Fluid</b>	Cools better than conventional transformer oil; used for temperature sensitive applications
<b>Silicone Fluid</b>	DC 561 ® electrical grade silicone fluid from Dow Corning Corporation and product alternate GE SF97-50
<b>Omega Fluid</b>	Conventional Type II inhibited transformer oil meeting ASTM D3487 and ANSI specifications

#### Transformer Maintenance Products

<b>DSI Inhibit</b>	Concentrated liquid oxidation inhibitor for adding directly to transformer oil in the field or factory
<b>Sulfur Inhibitor</b>	Concentrated blend of advanced antioxidants, metal passivators and sulfur stabilizers that treat the corrosive sulfur reactions in transformer oils

#### Heat Transfer Products

<b>DSI HTF 100</b>	Low viscosity for excellent heat transfer and often used for electronics cooling applications
<b>DSI HTF 200</b>	Low cost in a high performance, very stable hydrocarbon fluid
<b>DSI HTF 300</b>	Low viscosity and excellent oxidation resistance Useful at a wide temperature range
<b>DSI HTF 400</b>	High temperature applications; Extremely stable and resistant to oxidation

DSI manufactures specialty insulating oils: fire resistant oils, environmentally sensitive oils, and oils for high temperatures or cold environments. Make DSI your resource for electrical insulating oils. We have over 15 years' experience developing and selling the highest quality products available.

We are dedicated to continual improvement of existing products and rapid introduction of new fluids through an aggressive research and development program at our R&D Laboratory in Tyler, Texas. We can perform a wide variety of electrical, chemical, fire, safety and service life tests. We continually evaluate materials which bring longer life, better performance and lower cost to our line of fluid products. DSI Ventures maintains leadership positions in industry standards groups such as IEEE, IEC, and ASTM. Through participation in these and other trade associations, we work with our customers as their needs evolve for new materials and applications.



1320 E. Commerce St.

Tyler, TX 75702

800-796-0220

sales@dsiventures.com

DSIVentures.com