



Transformer Oil (AG3600)

Biobased Natural Ester Dielectric Coolant

Airesun Transformer Oil is for use in distribution and power class transformers where enhanced fire safety, environmental, electrical, and chemical properties are desired. With exceptionally high flash/fire points of 330/360°, it offers among the highest ignition resistance of any high fire point dielectric fluid currently on the market.

Description:

AGT5000 is formulated from seed oils and performance enhancing additives. It does not contain halogens, silicones, corrosive sulphur, or petroleum, and is quickly 100% biodegradable in the environment. The product is non-toxic in acute aquatic and oral toxicity tests and is compatible with all transformer construction materials and components. AGT is not listed as a carcinogen by the National Toxicology Program (NTP).

Instructions for use:

Prepare as per industry normal operating procedures. Recommendations for use under various conditions are available. Compatible with mineral oil, high molecular weight hydrocarbons, and other ester fluids. However, AGT5000 is not miscible with silicone and should not be used in units previously containing silicone, unless thoroughly cleaned of all possible silicone residue.

Applications:

A transformer filled with AGT5000 fluid complies with the transformer temperature operating range requirements defined in IEEE C57.12.00 and IEC 60076-2.

In addition to new distribution and power class transformers, AGT5000 qualifies for use in a variety of other equipment, including voltage regulators, sectionalizing switches, transformer rectifiers, and electromagnets. The fluid is also used in retrofill applications for transformers and other fluid-filled distribution and power equipment.

Characteristics:

Free of petrochemicals and CFC's
No VOC's, off-gas, chemicals or detergents.
No environmental toxicity.
Flash point: >310°C.
Kinematic viscosity: 33-35 mm²/s
Density: 0.91 gm/cm³ (7.57 lb/gal)
100% quickly biodegradable in <90 days.

Physical Properties:

Colour	Pale yellow
Fragrance	Neutral seedoil

This information is based on our present state of knowledge and is intended to provide general notes on our products and their uses. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. Any existing industrial property right must be observed. The quality of our products is guaranteed under our General Conditions of Sale.