

Envirotemp™ 360 fluid

THE SYNTHETIC ESTER SOLUTION.

Envirotemp™ 360 fluid is a robust fluid that provides long-term stability even when exposed to extreme temperature conditions. It offers increased fire safety, high temperature performance, superior moisture tolerance, and great environmental protection.

Fire safety

Envirotemp 360 fluid is ideally used in applications such as densely populated areas where fire safety is a top priority, including enclosed spaces and transformers positioned in close proximity to people and/or other equipment.

Its high fire point (315°C vs 160°C for mineral oil) and excellent heat transfer characteristics make it a less flammable fluid.

May allow organizations to reduce, or even eliminate, fire mitigation systems.

Transformer performance

Envirotemp 360 is uniquely formulated to enhance transformer performance under all types of conditions.

Excellent thermal and lubricity properties at both high and normal operating temperatures.

Unique formulation with a pour point below -48°C enables application in extremely cold climates.

Evaluated and certified

Envirotemp 360 has been thoroughly evaluated, and conforms to IEC 61099 “Specifications for Unused Synthetic Organic Esters for Electrical Purposes.”

Superior moisture tolerance

Envirotemp 360 can absorb significantly more water than mineral oil before reaching saturation while still maintaining its dielectric strength.

Wicks water away from insulating paper – slowing the aging rate of the solid insulation system.

Enables application within compact transformers.

Long-term stability

Envirotemp 360 is a robust fluid that provides long-term stability even when exposed to extreme temperature variations.

Possesses excellent oxidation stability.

Environmental protection

Envirotemp 360 is an environmentally superior alternative to mineral oil and silicone because it is classified as readily biodegradable according to OECD 301B and not classified as hazardous according to GHS.