



Progress beyond

Miscibility of Galden® HT110 & Fluorinert™ FC770

Galden® fluids are fully saturated PerFluoroPolyethers (PFPE) and Fluorinert™ fluids are fully saturated PerFluoroCarbon (PFC) fluids.

Due to the presence of fluorine all these fluids have similar physical and chemical properties, such as non-flammability, dielectric properties and high density.

The non-polar nature of these fluids allows for complete miscibility.

Regardless of grade, Galden® HT110 has a boiling point at 110°C and Fluorinert™ FC770 has it at 95°C.

The resulting blend of Galden® HT110 with Fluorinert™ FC770 will result in a fluid having a boiling point centered among them, according to the ratio of the mixture.

We confirm products are compatible and fully miscible in any different ratio.

The variation of kinematic viscosity in all of the resulting blends, compared with the starting fluids, is negligible.

Best Regards

Fabrizio Terzolo

Customer Technical Development - EMEA