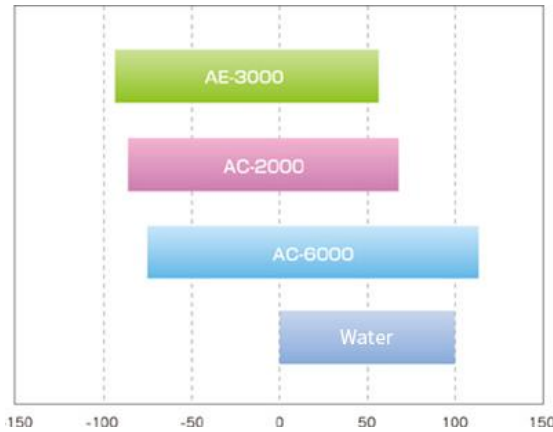


The Asahiklin series are fluorinated solvents optimal for heat transfer fluids use.

- Kinetic viscosity is small and freezing point is below -50°C, burden on pumps is low even in low-temperature regions.
- Electrical insulation characteristics are high, so direct cooling of electronics is possible.
- Effect on metals, resins, and elastomers is small, so appropriate for many materials.
- It has no flash point (non-flammable) and does not require the use of explosion-proof equipment.
- It is thermally and chemically stable, so long term repeated use is possible.

		Example	AE-3000	AK-225	AC-2000	AC-6000
Secondary refrigerant (brine)	Brine for semiconductor manufacturing equipment use	Dry etching equipment, exposure equipment, CVD equipment Prober, IC test temperature management				
	Ultra low temperature brine	Chemical and pharmaceutical manufacturing plant cooling Environmental testing room temperature control analysers, thermostatic bath heat media, precision machines, electronics Cooling for computer servers, sensors and the like, circulating liquid for chillers	○	○	○	○
Heat medium	Heat pipes	cooling for rectifiers, LED, laser generators, all kinds of heat pipes				
	Power generation medium	working media for Rankine cycles, factory exhaust heat-use, geothermal power generation	○	○	○	○
Testing medium	Leak test solvent Reliability test solvent	crystal oscillator and electronic component gross leak test, airtightness test medium, thermal shock test medium for filters, valves and the like	○	○	○	○

[Asahiklin liquid phase temperature range]



[Kinetic viscosity - temperature diagram]

