



Property	3M™ Novec™ 7100	ETI 7100	EnSolv Fluoro
Cost Comparison	\$\$\$\$	\$\$	\$
Composition	HFE7100	HFE7100	Hydrofluoroether (HFE)
Cleaning Performance	Light Duty	Light Duty	Light Duty
Boiling Point	142 °F / 61 °C	138 °F / 59 °C	132 °F / 56 °C
Freeze / Melting Point	-211 °F / -135 °C	-211 °F / -135 °C	-135 °F / -93 °C
Vapor Pressure	202 mmHg	210 mmHg	232 mmHg
Liquid Density	1.5 g/cm ³	1.5 g/cm ³	1.47 g/cm ³
Viscosity	<1.0 cP	<1.0 cP	< 1.0 cP
Heat of Vaporization (at bp)	112 kJ/kg	112 kJ/kg	163 kJ/kg
Specific Heat	1.2 KJ/kg-K@ 25°C	1.2 KJ/kg-K@ 25°C	1.28 KJ/kg-K@ 25°C
Dielectric Constant	7.4	7.3	6.6
Global Warming Potential (GWP)	Low	Low	Low
Ozone Depletion Potential (ODP)	None	None	None
Volatile Organic Compound (VOC) Designation	Exempt	Exempt	Exempt
Flash Point	None	None	None