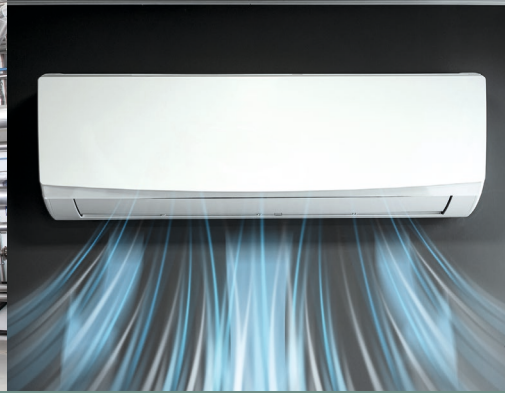


## A RANGE DESIGNED

to meet the needs of the application



- + Refrigeration
- + Air conditioning
- + Heating
- + Geothermal energy
- + Solar thermal

# The heat transfer fluid range

by **climalife**

*Climalife innovates, formulates, produces, controls, markets and gives advice.*

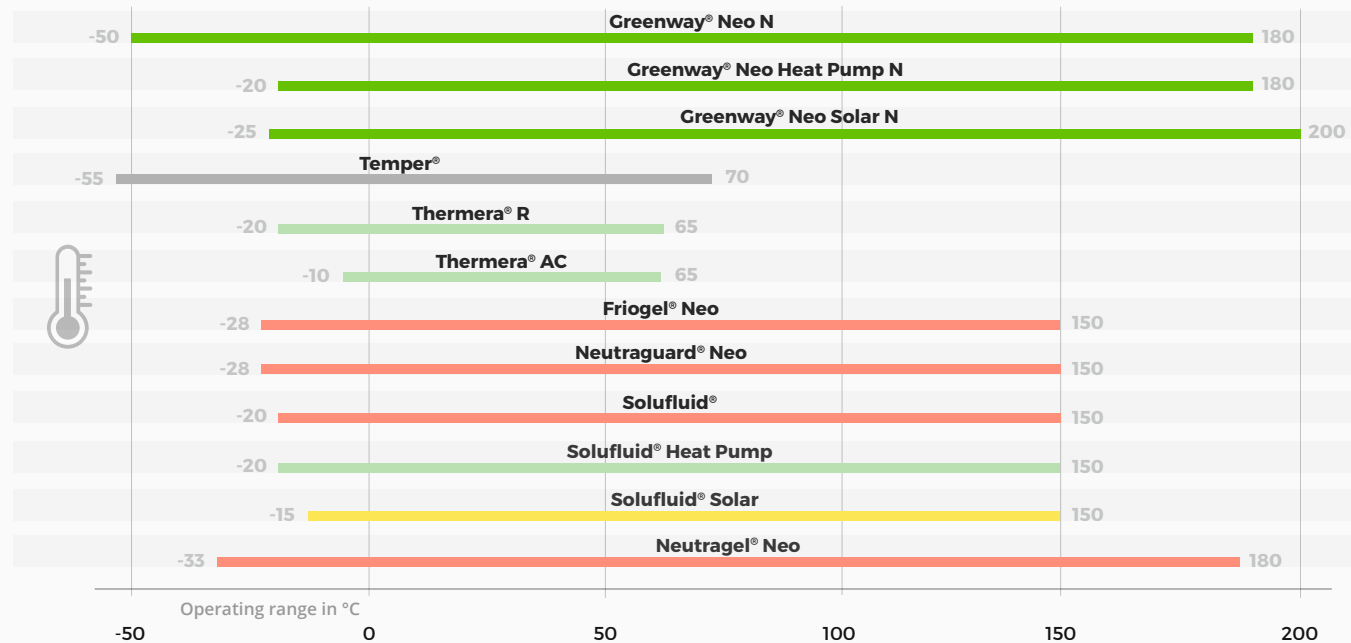
### THE ADVANTAGES

- More than 40 years of know-how as a producer.
- Dedicated technical assistance.
- A wide temperature range.

### OUR FORMULATION BASES

- + 1,3-propanediol bio-sourced
- + Acetate and potassium formate
- + Betaine
- + Mono propylene glycol (MPG)
- + Mono ethylene glycol (MEG)

### CLIMALIFE'S HEAT TRANSFER FLUIDS COVER A WIDE RANGE OF TEMPERATURES



# A CHOICE OF HEAT TRANSFER FLUID DESIGNED

for your systems to:

- + Improve energy efficiency
- + Reduce carbon emissions



	Greenway® Neo N	Greenway® Neo Heat Pump N	Greenway® Neo Solar N	Temper®	Thermera® R	Thermera® AC	Friogel® Neo	Neutraguard® Neo	Soluf fluid®	Soluf fluid® Heat Pump	Soluf fluid® Solar	Neutragel® Neo
<b>Formulation base</b>	plant base - 1,3 propanediol			salt base - acetate, and potassium formate	plant base - betaine		petroleum - mono propylene glycol (MPG)					petroleum - mono ethylene glycol (MEG)
<b>Environmental impact</b>	sustainable resource			synthetic origin	sustainable resource		fossil resource - non-renewable					
<b>Safety</b>	non toxic, NSF HT1 <sup>(1)</sup>	non toxic, with bittering agent <sup>(2)</sup>		non toxic								harmful, with bittering agent <sup>(2)</sup>
<b>Metal protection</b>	high performance hybrid inhibitors			long-term organic inhibitors	conventional inhibitors		long-term organic inhibitors					
<b>Viscosity compared to MPG*</b>	lower and much lower at very low temperatures	lower		much lower	lower		MPG, basis of comparison				lower	
<b>Preparation</b>	to be diluted and ready to use			ready to use		to be diluted and ready to use	to be diluted	ready to use			to be diluted and ready to use	
<b>Industries / Application sectors</b>	food industry / refrigeration	building and energy / air-conditioning, heating and renewable energies	building and energy / heating, renewable energies and domestic hot water	food industry / refrigeration		building and energy / heating and renewable energies	food industry / refrigeration	building and energy / air-conditioning, heating and renewable energies			building and energy / heating, renewable energies and domestic hot water	all industries / refrigeration

(1) Registered NSF HT1 (for accidental food contact). (2) Including a bittering agent to limit the risks associated with unintentional ingestion.

\* MPG = Mono propylene glycol.

All Climalife heat transfer fluids are free of nitrates, amines, phosphates, borates and CMR substances (carcinogenic, mutagenic, reprotoxic).