

IDS Climalife Introduces the Greenway[®] for Heat Transfer Fluids

IDS Climalife has introduced a ready-to-use organic heat transfer fluid to the UK produced from a 100% renewable vegetable resource.

Greenway[®], available in formats designed for heating, renewable energy and refrigeration applications, is an organic and low ecological footprint alternative to heat transfer fluids made from a fossil base. The Greenway[®] manufacturing process produces 40% less CO₂ emissions and uses 40% less energy than that of traditional Mono Propylene Glycol.

Fully biodegradable, Greenway[®] does not rely on toxic additives, such as borax, nitrate, phosphate or amine for its performance and includes anticorrosive technology based on organic, long lasting inhibitors.

Peter Dinnage, IDS Climalife Commercial Manager, says: “Greenway is an environmentally sensitive product that will provide users with real efficiency gains and energy savings. It provides a genuinely green alternative to traditional heat transfer fluids and will assist those in the industry who pay attention to improving environmental practices.

The three products in the range are;

Greenway[®] is suitable for use in air conditioning and refrigeration installations and underfloor heating, sprinkler and central heating systems. With a viscosity three times lower than Mono Propylene Glycol at -20^oC it provides improved flow rates and energy savings, and the possibility to reduce the pump size of the system. At -30^oC Greenway requires 14 times less energy than Mono Propylene Glycol, and at -10^oC it requires three times less.

Greenway[®] Solar has been designed specifically for thermal solar systems. With a degradation rate four times lower than Mono Propylene Glycol at 150^oC, it provides better corrosion control and sludge formation prevention than traditional heat transfer fluids in these high temperature systems, helping prevent system breakdowns and increasing lifespan.

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Greenway® Heat Pump ensures efficient heat transfer and effectively protects circuits from freezing in ground source heat pump collectors and air-to-water heat pump heating circuits.

For further information please go to www.climalife-dehon.com or www.idsrefrigeration.co.uk or contact IDS direct on 0117 802 520.

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