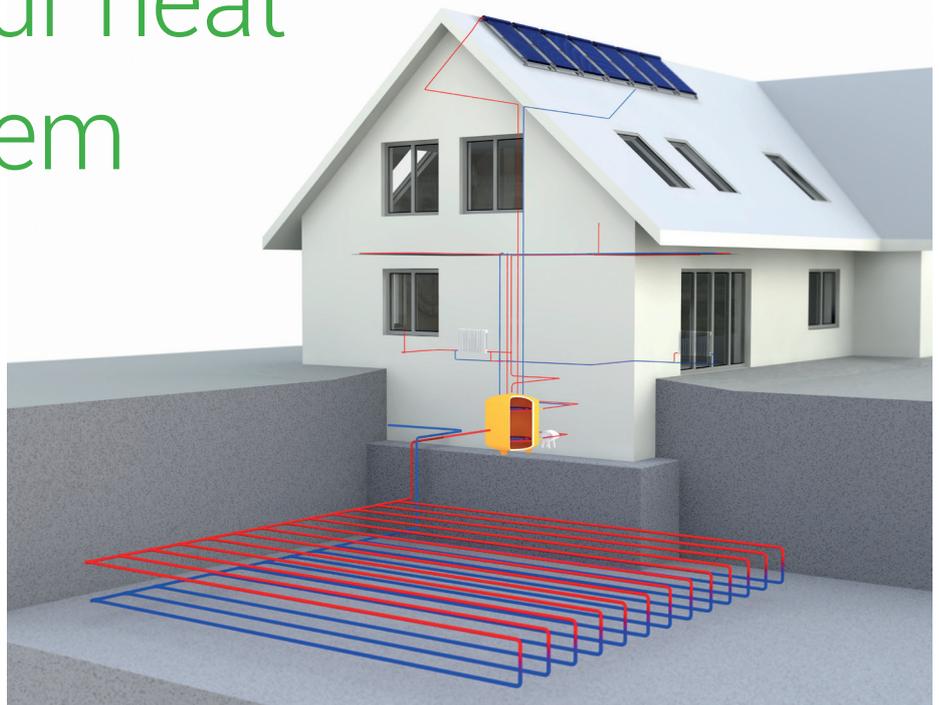




# Choosing the right heat transfer fluid for your heat pump system



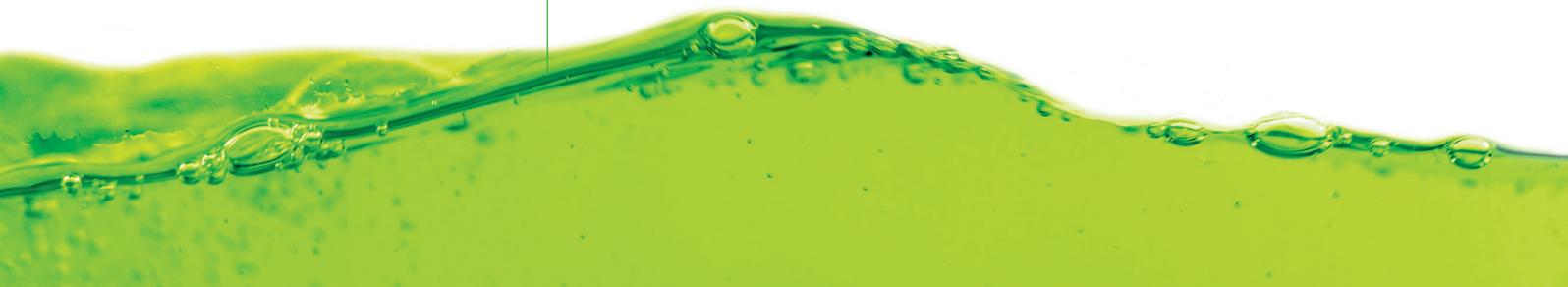
## Kilfrost **GEO**<sup>®</sup> at a glance

- Outperforms MEG, MPG and Ethanol alternatives.
- Non-toxic - yet incredibly efficient. Officially classified as non-hazardous under CLP/REACH.
- Lower COD and BOD levels than competing fluids.

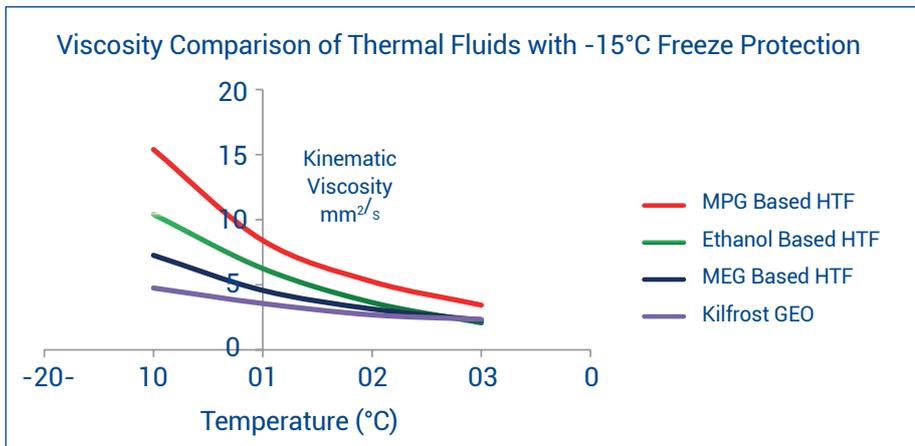
Kilfrost GEO is a pioneering heat transfer fluid produced by industry-leaders Kilfrost, and championed and distributed by renewable energy experts Go Geothermal.

Specially formulated for use within ground and water source heat pumps, Kilfrost GEO helps improve system efficiency and brings about energy cost savings for individuals and businesses choosing to use heat pumps within their domestic and commercial properties.

Heat pump systems use heat stored in the ground or within water to generate heating and hot water for homes and businesses – but to ensure they are working as effectively and safely as possible, they must be used in conjunction with a high-class heat transfer fluid.



# Supporting Low Carbon Renewable Technologies



As pioneers of superior performing fluids, Kilfrost recognises the part it has to play as a responsible company helping to support the promotion of low carbon technologies which have as small an impact on the environment as possible. The Kilfrost GEO fluid offers a non-toxic - yet incredibly efficient - alternative. It's officially classified as non-hazardous under CLP/REACH and also has much lower COD and BOD levels than its competitors, which is reassuring should there be an accidental leak within the system.

In line with the Government's policy of proactively supporting and encouraging low carbon technologies, and rewarding those opting to install heat pumps, it makes sense that those seeking to limit their impact on the environment should also consider the green credentials of the fluids they use within their heating systems.

Kilfrost GEO has been specially engineered as a low viscosity fluid, making it not only a safer alternative to glycol- and ethanol-based alternatives, but superior. It also assists in reducing pressure drops and lessens the pumping power required to circulate the fluid around the system – this hydraulic efficiency in turn leads to higher cost savings than users would see with alternative products.



Go Geothermal is the UK's largest independent supplier of heat pumps, distributing a huge range of products which meet the requirements of each individual project. As experts in renewable energy, the team supports customers through every step of selecting the right renewable energy system.

Visit [www.gogeothermal.co.uk](http://www.gogeothermal.co.uk) for more information.



Kilfrost is a world-class heat transfer fluid manufacturer, with a proud heritage in the north of England. Kilfrost experts have perfected a range of fluids which have revolutionised the market – providing a solution for the efficiency-versus-toxicity challenge which has long plagued the sector.

## Go Geothermal's Commercial Manager Ian Murray says:

*"The quality of fluids in a ground source heat pump system is often overlooked. Go Geothermal identified and was impressed by the many benefits of Kilfrost GEO when it was brought to the market in 2016 to service the ground source heat pump industry.*

*"Being a truly non-toxic product, it gives the installer and customer peace of mind should there be any spillages or if it finds its way to any water course, unlike MEG and MPG based products.*

*"The technical benefit of having viscosity levels equal to or better than the other heat transfer fluids is that allows the product to be pumped around the system using less electricity, giving the customer savings and a more efficient system. "GEO is manufactured in the UK by a private family-owned company, and we are delighted to be Kilfrost's nominated distributor for this innovative and safe product."*