62644 - Heat Transfer Fluid HP-EG 10L Litre

A concentrated heat transfer fluid for Air and Ground Source Heat Pumps based on ethylene glycol. This high performance product is designed to protect against corrosion and limescale, as well as frost protection from -10 to -33°C.

- High performance heat transfer fluid for maximum protection against corrosion and scale, to extend system longevity
- Higher efficiency and lower viscosity than propylene glycol based products
- Lower viscosity means less energy is used to pump the heat transfer fluid around the system
- Excellent pH buffering to maintain optimum system pH for a mixed-metal system
- Cost effective solution where thermal efficiency is a key requirement
- Compatible with all metals and materials in heat pump systems

Application

Dilute before use using mains water. Deionised water (demineralised) or artificially softened water is also suitable, if preferred. To ensure adequate corrosion protection, the minimum ‘in-use’ concentration of the product is 25%. Upon dilution Fernox HP-EG will provide frost protection according to the table below.

Concentration 25% 30% 35% 40% 45% 50%

Frost Protection -10 °C -14 °C -18 °C -22 °C -28 °C -33 °C

Frost protection levels can be checked using a Fernox Refractometer. Existing heating systems should be cleaned of sludge and limescale deposits with a suitable Fernox Cleaner before adding Fernox HP-EG.

Packaging, Handling & Safety

Fernox HP-EG is supplied in 10 litre drums, 20 litre drums, 205 litre drums and 1000 litre IBCs.

Keep out of reach of children. Do not mix with other chemicals. For further information on handling and safety, please refer to the Safety Data Sheet (SDS).

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Performance

Composition: An aqueous solution of monoethylene glycol with specifically formulated inhibitors and an antiscalant.
Odour: Slight
Form: Liquid
Appearance: Purple liquid
S.G.: 1.10
pH: 7.7

Volumetrics & Barcodes

Barcode EAN	5014551626447	OCU Barcode	
Single Unit Weight (kg)	12.0	Outer Carton Weight (kg)	12.0
Single Unit Height (mm)	310	Outer Carton Height (mm)	310
Single Unit Width (mm)	230	Outer Carton Width (mm)	230
Single Unit Depth (mm)	205	Outer Carton Depth (mm)	205

Safety Data Sheet (EN-GB-EN)

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