

## HP-15

- Ready-to-use heat transfer fluid suitable for use in Air and Ground Source Heat Pumps
- Frost protection to -15°C
- Protects against corrosion, limescale and bacterial contamination
- Non-toxic.
- Compatible with all materials commonly found in Heat Pumps
- pH stable



### Product Uses

Fernox HP-15 is a pre-blended heat transfer fluid especially formulated for use in Air and Ground Source Heat Pumps and provides frost protection to -15°C. Fernox HP-15 also provides long term protection from damage caused by corrosion, limescale and bacteria and maintains a stable pH across a range of operational temperatures. Fernox HP-15 is compatible with all materials commonly used in Heat Pumps.

### Physical Properties

<b>Composition:</b>	An aqueous solution of monopropylene glycol with specifically formulated inhibitors, stabilizers and biocides.
Odour	Characteristic
Form	Liquid
Appearance	Clear, red liquid
S.G.	1.03
pH	7.4
Boiling point	101-105°C
Water content	65-70%

### Application and Dosage

Fernox HP-15 is ready to use. Do not dilute. Fernox HP-15 provides frost protection to -15°C.

Existing heating systems should be cleaned of sludge and limescale deposits with a suitable Fernox Heat Pump Cleaner before adding Fernox HP-15.

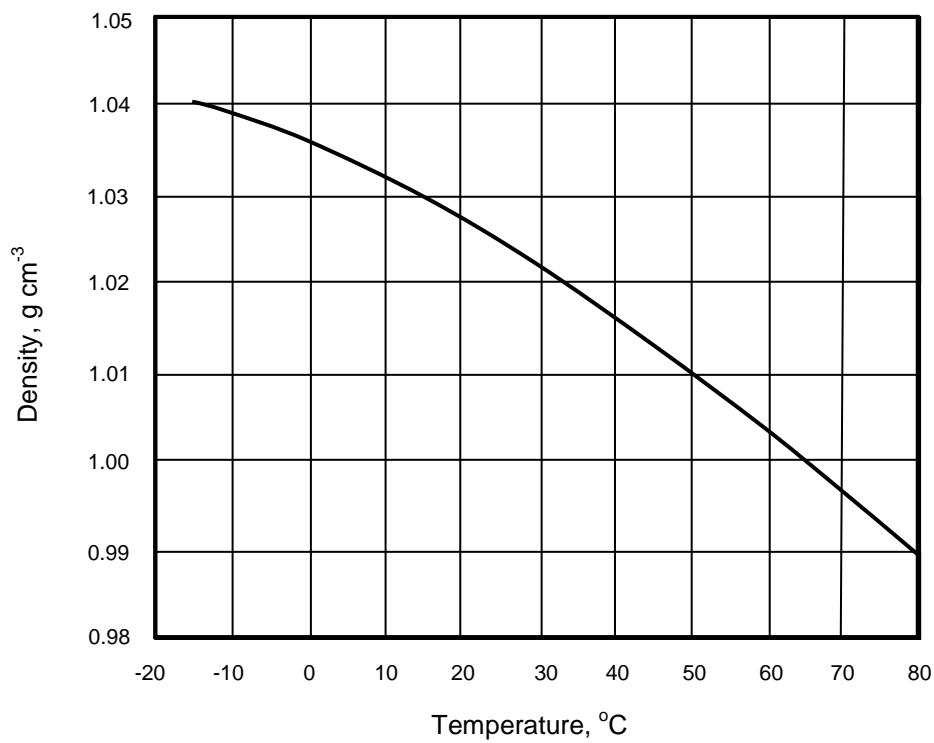
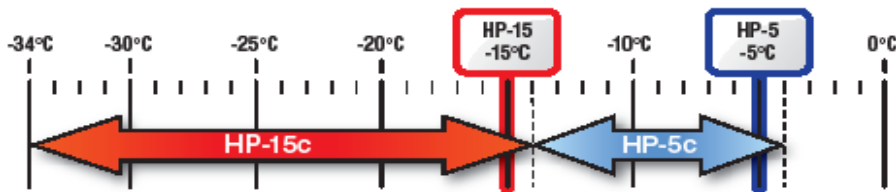
### Packaging, Handling and Storage

Fernox HP-15 is supplied in 20 and 25 litre drums.

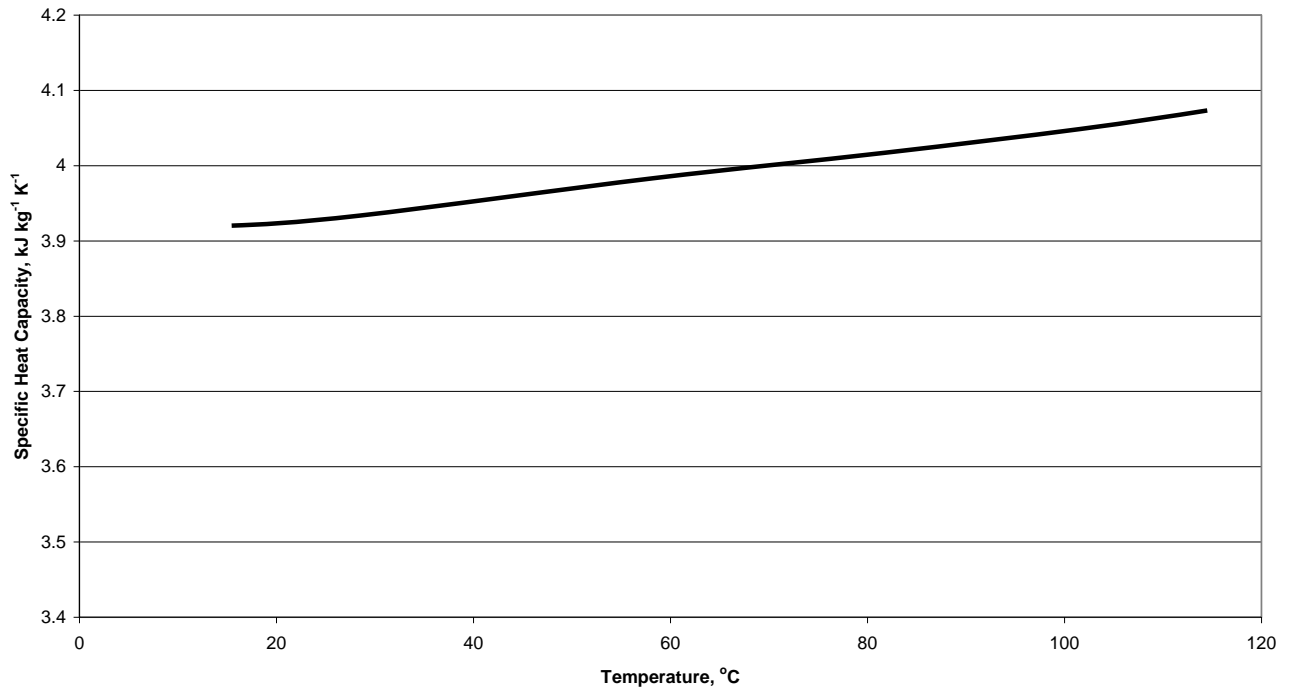
Fernox HP-15 is not classified as hazardous but as with all chemicals care should be taken. Keep out of reach of children. If swallowed seek medical advice and show container or label. Do not mix with other chemicals. Safety data sheets available on request.

## Further Information

Fernox provides a comprehensive range of products for Air and Ground Source Heat Pumps. Depending on required level of frost protection, the chart below outlines the Fernox HP range of products available to cover these applications. For more information please visit [www.fernox.com](http://www.fernox.com) or call + 44 (0) 330 100 7750.



Specific Heat Capacity Chart



Viscosity Chart

