



Cooltrans CT™ Inhibited MEG

DESCRIPTION:

Kilfrost Cooltrans CT™ is a high performance, multi-component inhibited glycol heat transfer fluid designed for secondary refrigerant applications in process/space cooling and temperature regulation.

The product has been specially designed to deliver higher resistance to degradation, scale, bacterial growth and corrosion. The product is tested to and exceeds ASTM D1384-05 corrosion test standard to offer excellent freeze protection, cleaner circuits, efficient heat transfer and long term cost benefits to system maintenance. The formulation is based on a patented organic acid technology, free from amines, phosphates, nitrites, silicates, borax or molybdenates. It also contains a blend of biocides which when added to a clean system will prevent fouling of the internal heat exchange surfaces, preserving the heat transfer efficiency and reducing system downtime.

ADVANTAGES:

- * High performance inhibited glycol
- * Contains no carcinogenic, mutagenic or toxic to reproduction additives
- * Outperforms requirements of ASTM D1384-05 corrosion tests
- * Liquid formulation supplied as concentrate
- * Can be supplied as dilute product (ready to use)
- * Operating temperatures -40 to 130°C

APPLICATION: Add to the system as determined by required freeze point. A minimum 20% product is required in the system to provide adequate corrosion protection.

Freeze Point °C	Product Volume % v/v	Refractive index
-10	22.1	1.3553
-11	23.8	1.3571
-12	25.4	1.3587
-13	27.0	1.3604
-14	28.5	1.3619
-15	29.9	1.3634
-16	31.3	1.3648
-17	32.6	1.3662
-18	33.9	1.3675
-19	35.1	1.3687
-20	36.3	1.3699
-25	41.5	1.3753
-30	45.8	1.3797
-35	49.5	1.3834
-40	52.9	1.3867

DOSING EQUIPMENT: A complete range of dosage and control equipment is available to provide the most effective application of water treatment chemicals to your system.

DELIVERY OPTION: Cooltrans CT is packed in 25L kegs, 200L drums and 1,000ltr non-returnable IBC's.

NOTE ON GALVANISED METALS:

Cooltrans CT™ and glycol based heat transfer fluid should not be used in systems containing galvanised metals. Glycol based fluids can react with the zinc that is present in galvanised materials leading to physical damage to the operating system and degradation of the heat transfer fluid.

ASTM D1384-05 Corrosion data for Cooltrans CT

Cooltrans CT outperforms the requirements of the ASTM test.

