

BitCool BC-888[®] Dielectric Coolant

Heat Transfer Fluid for ASIC Cryptocurrency Mining Applications

Engineered Fluids' BitCool Dielectric Coolant is the highest performance biodegradable, non-toxic, non-corrosive heat transfer fluid available specifically designed for use with ASIC based cryptocurrency mining applications.

THERMAL MANAGEMENT APPLICATIONS:

Single-phase, Liquid Immersion Cooling (SLIC) of ASIC based cryptocurrency mining hardware. Suitable for open and closed tank systems. BitCool can be used in single loop dielectric-direct dry-coolers and in dual loop systems using a liquid-to-liquid heat exchanger and ethylene glycol / water dry-coolers. For GPU and FPGAs, use ElectroCool EC-100 for these systems.

TESTED COMPATIBLE WITH ASIC-BASED MINERS:

BitCool is compatible use with the vast majority of ASIC-based mining devices. For a full list of all compatible mining devices please see: <https://www.engineeredfluids.com/bitcool>.

MATERIAL COMPATIBILITY CHART:

For a full list of compatible materials, exceptions, and implementation notes please see: <https://www.engineeredfluids.com/material-compatibility>

KEY PROPERTIES:

Biodegradable • Non-Toxic • Non-Corrosive • Excellent Heat Transfer

CHARACTERISTICS OF BITCOOL BC-888

Specification	BitCool
Application	Single-phase, Liquid Immersion Cooling for ASIC-based currency mining
Appearance	Clear with Light Green Tint
Pour Point (C)	0
Flash Point (C)	>130
Density, g/cc @ 15.6C	0.82
Coefficient of Thermal Expansion, (volume/C)	0.00068
Operational Temperature Range (C)	5.0 100.0
Kinematic Viscosity (cSt) 40C	< 10
100C	< 4.0
Thermal Conductivity (W/m*K) 40C	0.1373
100C	0.1339
Specific Heat 0C	2054.0
40C	2203.2

Need more information? Please contact us on
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