

A dynamic, high-speed photograph of a water splash, showing a horizontal wave of water with numerous small droplets and bubbles trailing behind it, set against a light blue background.

UV Leak Detection Dye Colors and Concentration Comparison

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About Engineered Fluids

Specialized developer of Single-phase Liquid Immersion Cooling Solutions

High-Performance Biodegradable, Non-Toxic, Non-Corrosive Dielectric Coolants

BitCool® - Dielectric Immersion Coolants designed specifically for ASIC based miners

- Supports all ASIC Crypto-mining devices

ElectroCool® - Dielectric Immersion Coolants for Semiconductors and Servers

- Server / CPU / GPU / SSD / DRAM
- Lasers / LEDs / RF Amplifiers / Tubes / Processors / RADAR
- Battery / Fuel Cell cooling for Power Generation (Solar / Wind / Conventional) in stationary electrical storage applications

AmpCool® - Dielectric Immersion Coolants for Batteries, Electric Motors and Hydraulics

- Electric motors & motor controllers
- Hydraulic power transmission and actuator systems
- Battery and Fuel Cell cooling in hybrid and electric vehicles

SubmergeDeep® - Dielectric Pressure Compensation Fluids and Coolants for Subsea Applications

- Remote Operated Vehicles, Submarine Cables, Subsea Oil and Gas Downhole rigging
- Battery, chargers, electric motor, LED lighting, and hydraulic manipulators.

Products for protecting and cleaning electronic equipment during and after immersion

VoltCool® Additives - Highly Concentrated Transformer Oil Protection

- Power & Distribution Transformers, Switch Gear, AC & DC feeder lines
- Anti-oxidation and Corrosive Sulfur Stop Additives for use with hydrocarbon transformer oils

Dielectric Solvents - Safe and Effective Removal of Dielectric Fluids and Mineral Oils

- Fully dielectric solvents for use with all electronics and immersion cooling systems

Blue UV Dye Concentration Options & Effect

Available for EF Dielectric Coolant Products



*Dye concentration color options may vary by product. Reference images shown are based on the typical colors presented when added to the ElectroCool™ Product Line.

Red UV Dye Concentration Options & Effect

Available for EF Dielectric Coolant Products



@0.0125/L RED

@0.25/L RED

@1.0/L RED



@0.0125/L RED

@0.25/L RED

@1.0/L RED

*Dye concentration color options may vary by product. Reference images shown are based on the typical colors presented when added to the ElectroCool™ Product Line.

Green UV Dye Concentration Options & Effect

Available for EF Dielectric Coolant Products



@0.0125/L GREEN

@0.25/L GREEN

@1.0/L GREEN



@0.0125/L GREEN

@0.25/L GREEN

@1.0/L GREEN

*Dye concentration color options may vary by product. Reference images shown are based on the typical colors presented when added to the ElectroCool™ Product Line.



For more information...

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