

NewEraSeal™ Cool Flow

NewEraSeal™ Cool Flow is a high-performance additive engineered to enhance both heat transfer and system protection in water-based cooling applications. Its patent-pending formula—featuring nano-sized metal oxides blended with protective polymers—improves thermal performance through a dual mechanism: it coats cooling channel surfaces to enhance fluid “wetting” for better contact and heat exchange, while suspended nanoparticles boost heat transport through the coolant itself. This combination leads to more efficient energy transfer, especially across heat exchangers, without altering flow dynamics or surface dimensions.

In addition to its thermal benefits, NewEraSeal™ Cool Flow offers strong resistance to corrosion and mineral fouling, helping to protect internal components and maintain long-term system efficiency. It is chemically inert, compatible with pH control agents and biocides, and safe for use with metals, plastics, and rubber. Its ultra-thin application won't obstruct microchannels and remains stable at temperatures up to 750°F (399°C), making it ideal for demanding environments where reliability, consistency, and longevity are essential.

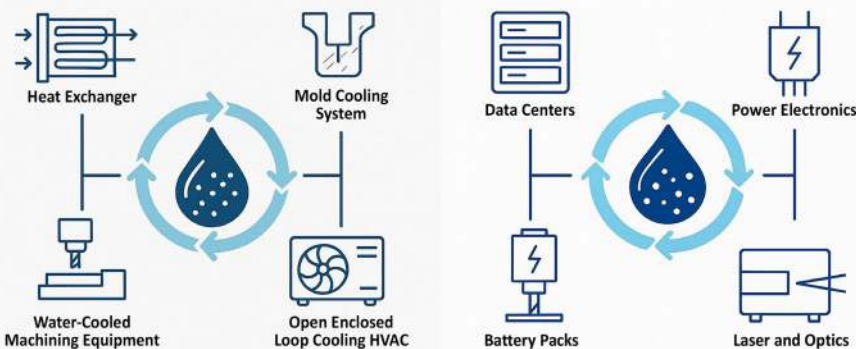
Benefits

- Up to 10% efficiency
- Reduces system corrosion
- Limits mineral buildup
- Supports heat stability
- Compatible with coolants
- Maintains fluid flow
- Extends component lifespan
- Requires no retrofitting
- Multiple coat compatibility

Features

- Nano oxide-polymer blend
- Improves fluid wetting
- Boosts heat transport
- Chemically inert formula
- Material-safe formulation
- pH and biocide safe
- No added thickness
- Withstands 750°F
- Microchannel compatible

Universal NanoFluid Enhancer for Thermal Systems



- **Size:** 4/1-gal, pails, and drums
- **Appearance:** Light Blue Liquid
- **pH:** 7.0 - 8.0
- **Eco:** Non-pollutant for air, water, and soil



Buy it today. Contact us at:

www.NewEraSOS.com

888-637-6760

NewEraSOS™
Scientific Optimal Solutions