

INNOVATE™

Faster. Cooler. Cleaner.

INNOVATE™ YARRA

Advanced Immersion Cooling Fluid

For high-performance computing applications

- Single-phase dielectric fluid designed to have optimized physical profile and thermal properties
- Formulated with our proprietary ultra-pure, Highly Refined Alkanes™ technology
- Outstanding thermal management through a balanced physical profile
- Designed for balanced materials compatibility performance across a wide range of material types
- Engineered for superior oxidative stability to ensure reliable and consistent performance in service

PROPERTY	UNITS	STANDARD	TYPICAL VALUE
Kinematic Viscosity @ 40°C	cSt	ASTM D445	5.77
Kinematic Viscosity @ 100°C	cSt	ASTM D445	1.89
Specific Heat Capacity @ 25°C	J/(kg-K)	ASTM E1269	1900
Thermal Conductivity @ 25°C	W/m-K	ASTM D7896	0.127
Figure Of Merit 1 @ 50°C	—	OCP	53.3
Figure Of Merit 2 @ 50°C	—	OCP	29.1
Density @ 15°C	kg/m ³	ASTM D4052	828.8
Pour Point	°C	ASTM D97	-60
Flash Point (Closed Cup)	°C	ASTM D93	136
Water Content	ppm	ASTM D1533	< 20
Color	—	ASTM D1500	< 0.5
Dielectric Strength	kV/mm	ASTM D1816	> 22
Dielectric Constant @ 25°C & 60 Hz	—	ASTM D924	< 2.2

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HF Sinclair™



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