



Technological advancements such as cloud computing, artificial intelligence, blockchain technology and the need for faster information processing, are driving data centers to maximize efficiencies while using a tremendous amount of power and energy.

CalChill™ immersion cooling fluid provides a highly efficient solution for cooling electrical components and optimizing data center performance by effectively transferring the heat away from technology systems. Compared to energy intensive air cooling, CalChill reduces the overall power consumption to lower energy costs. Our fluid is used in single-phase immersion cooling to prevent over-heating and protect equipment from failure.

TYPICAL PROPERTIES

PROPERTIES	METHOD	CalChill 60
API Gravity @ 60 °F	ASTM D4052	33.2
Specific Gravity @ 60/60 °F	ASTM D4052	0.8591
Color, Saybolt	ASTM D156	+29
Viscosity @ 40 °C (cSt)	ASTM D445	9.08
Viscosity @ 60 °C (cSt)	ASTM D445	5.30
Viscosity @ 100 °C (cSt)	ASTM D445	2.40
Flash Point (COC) °C	ASTM D92	182
Pour Point °C	ASTM D97	-34
21 CFR 178.3620(b)	FDA	PASS

ADVANTAGES

- **Server performance:** Conducts heat better than air to remove excess heat generated by equipment.
- **Reliability:** Helps keep equipment operating smoothly with fewer break down interruptions.
- **Reduced energy usage:** Effective at transferring heat and reducing energy costs.
- **Safety:** Offers low volatility, low odor and food-grade purity.

TECHNICAL ASSISTANCE

For product or technical questions, contact your Sales Representative or Calumet Product Support at (800) 437-3188 or email technical@calumet.com.

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Calumet's sampling and testing procedures in effect at the time of production will be used for certification testing. Results may be based on tank certification, manufacturing data, periodic testing and/or most recent product restock. Typical values only represent the values one would expect if the property were tested in our laboratories with our test methods on the specified date. Some product properties are not frequently measured, and accordingly typical values are not based on a statistically relevant number of tests. The information in this document relates only to the named product. The user is solely responsible for all determination regarding any use and any process.

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