



Graphene immersion fluid for single-phase data center cooling

WHAT IT IS

A graphene-enhanced dielectric fluid in white mineral oil for single-phase immersion cooling of data center servers.

WHERE IT'S USED

Single-phase immersion tanks for HPC, edge and immersed servers. Not for two-phase systems, water or glycol loops, or HVAC.

HOW IT'S SUPPLIED

Ready-to-use dielectric fluid. Graphene pre-dispersed in white mineral oil (Drakeol grade selected per order). Supplied in a 5 gal pail, 55 gal drum or 275 gal tote. Quote only.

USE

Ready to use as an immersion fill. Graphene loading 0.05–0.20 wt%, stated on the certificate of analysis.

SIZES

5 gal pail, 55 gal drum and 275 gal tote

ELECTRICAL & THERMAL

Formulated for low electrical conductivity and enhanced thermal conductivity. Low electrical conductivity reduces shorting and corrosion risk around electronics if a leak or contact happens; high thermal conductivity moves heat away faster. Measured values, including breakdown voltage, are reported on each lot's Certificate of Analysis.

Safety Data Sheet: grapheneintegrations.com/sites/default/files/sds/ThermaGraph-D-SDS.pdf. Technical data sheet on request. Shake well before using.

IF IT LEAKS

Glycol-free, non-conductive dielectric in white mineral oil. Do not swallow: aspiration hazard (Category 1, H304: may be fatal if swallowed and enters airways); do not induce vomiting. Prolonged skin contact may cause dryness (see SDS). Isolate power, absorb and clean before re-energizing.

Request a quote or a 30-day sample at
grapheneintegrations.com/store

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