

Optimize data center performance with ExxonMobil's broad range of data center immersion fluid solutions.

By effectively removing heat compared to traditional air cooling, immersion cooling can enable thermal management of high TDP processors¹. Immersion cooling can also help increase hardware lifespan¹ and lower cost¹. Superior thermal management can translate to both lower pPUE² and less water consumption¹.

Achieving the right balance between heat transfer and flashpoint is essential for optimal server component performance. ExxonMobil's PFAS-free immersion cooling products offer data center OEMs and end-users both high performance and the flexibility to customize thermal management to meet specific needs. A wide range of immersion solutions is available, including immersion cooling tank and chassis cooling.

¹ Source: OCP Regional Summit 2023
² Source: ExxonMobil data.

Product grade/slate	Kinematic Viscosity at 40 °C (cSt) ASTM D445	Flash point (°C) ASTM D92
EM DC 3152/3150/3151	5.0-6.4	149-157
EM DC 3220	19.0	220
EM DC 3235 Super**	14.3	234
EM DC 3250	31.0	246
EM DC 1210 (AP)	30.4	225

Typical properties; actual values will vary; not to be construed as specifications

** Super: Step-out balance of viscosity and flash point

Your source for immersion cooling solutions

ExxonMobil Product Solutions offers a broad portfolio of cooling fluids to meet specific needs. Our fit-for-purpose product options deliver properties that make them highly effective and sustainable thermal management solutions:

- Low viscosity to effectively remove heat from IT equipment
- Higher flashpoint for facility safety
- Excellent compatibility with various metal, plastic and rubber materials for long equipment life
- Exceptional pPUE



Let's work together.

Collaboration is vital for rapid development of innovative immersion cooling solutions.

ExxonMobil is an ideal partner, offering:

- Molecular synthesis expertise to enable future thermal fluid development
- Next generation solution delivery
- Working with key partners across the value chain
- Global manufacturing, logistics, commercial and technical support
- A lasting commitment to your success

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