

TECHNICAL DATA SHEET

KOOLTECH DC 250



DESCRIPTION

KOOLTECH DC-250 is a high quality, ready-to-use, propylene glycol based direct-to-chip liquid coolant formulated based on Organic Additives Technology (OAT). Developed in line with OCP-inspired PG25 specifications, it is purpose-built for data centers and advanced electronic applications where thermal stability, material compatibility, and environmental responsibility are critical.

SUMMARY OF BENEFITS

KOOLTECH DC 250 represents a high-performance, direct-to-chip cooling solution engineered to meet the stringent demands of modern electronic cooling systems. Its patented OAT formulation ensures efficient heat transfer while supporting long-term system reliability in high-performance environments.

The coolant is designed for excellent compatibility with commonly used elastomers and thermoplastics, helping to preserve the integrity and performance of system components over time. It maintains long-term compatibility with all wetted materials, including under high-temperature conditions.

Its biostatic formulation inhibits the growth of micro-organisms, minimizing the risk of biological fouling and helping to maintain a clean and reliable cooling system. KOOLTECH DC 250 also provides high-temperature corrosion protection for key metals such as copper, aluminium, stainless steel and brass – essential for protecting sensitive electronic and cooling components. In addition, KOOLTECH DC 250 is nitrite-free, borate-free, and free from 2 EHA, making it a safer and more environmentally responsible choice.

KOOLTECH DC 250	TEST METHOD	UNIT	RESULTS
APPEARANCE	Visual	-	Clear liquid
PROPYLENE GLYCOL	-	vol %	25
pH	ASTM D1287	-	8.7
RESERVE ALCALINITY	ASTM D1121	ml	2.9
DENSITY @ 15 °C	ASTM D5921	kg/l	1.03

Стандартные характеристики являются ориентировочными значениями для специалистов, не являются обязательной спецификацией для производства или продажи и не влекут какой-либо юридической ответственности.

STORAGE INSTRUCTIONS & HEALTH, SAFETY AND ENVIRONMENT INFORMATION

All packages should be stored under cover to avoid the possible ingress of water and the obliteration of drum markings. Avoid sunlight. Storage temperature: < 30 °C. Product shelf-life: 36 months in sealed condition. Expected lifespan: 5-10 years depending on the design and the maintenance of the system. Health, safety and environmental information is provided for this product in the relevant Materials Safety Data Sheet, which can be obtained by contacting Gulf Western Oil on: 02 9673 9600.

AVAILABLE PACK SIZES

Drum – 205LT, Pail – 20LT

February 2026

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