WACKER

CREATING TOMORROW'S SOLUTIONS

75 years WACKER SILICONES

HELISOL® - Efficient heat transfer in wide and ultra-high temperature operation

HELISOL® heat transfer fluids are highly stable silicone fluids that have been specifically designed for high-temperature and heating/cooling applications. They provide excellent economic benefits, such as efficient operation, low maintenance and precise temperature control.
With a recommended operating temperature range of −40 °C to +425 °C and versatility due to their chemical structure, they have an outstanding property profile, which sets them apart from organic materials such as mineral oils and aromatic heat transfer fluids.

Advantage / Product Details

- Exceptional thermal stability
- Highest max. working temperature: 425 °C
- Very low pour point: < −50 °C
- Fewer environmental and health risks compared to organic HTFs
- Low fouling potential and greater cost effectiveness

Additional Information

Sunlight is key to sustainable energy production. Using HELISOL® heat transfer fluids will increase the efficiency of so-called concentrated solar power (CSP) systems unrivaled by conventional heat transfer media. In CSP the heat of the sun can be directly converted into heat for industrial processes or to generate electrical power, which will make a significant contribution to reducing CO_2 emissions.

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