SARFOOD HEAT TRANSFER OIL 32

Last Updated: 09.01.2025
Product Code: SFHT0032

SARFOOD HEAT TRANSFER OIL 32 is designed for closed circuit and pressure-less heat transfer systems, and based on a careful blend of highly refined oils and additives chosen for their ability to meet the stringent requirements of the food industry. It can be used in both direct contact applications (Class HT1) and where there is potential for incidental food contact (Class H1). Produced according to FLT Quality Standards, in facilities where Good Manufacturing Practice have been implemented.

APPLICATION

Heat transfer systems with a bulk oil temperature range of approximately -10 °C to max 325°C where the surface temperature of the heating elements (oil film temperature) should not exceed +340 °C.

BENEFITS

- Excellent thermal oxidation and stability
- Reduction of sludge in operation
- Protection against corrosion
- Wide temperature operating range
- Low evaporation rate

PERFORMANCE PROFILE

- All components comply with FDA regulations
- Contains no genetically-modified ingredients, and do not contain any nut oil or derivatives
- Conforms to Kosher, Pareve and Halal requirements

TYPICAL PROPERTIES

Appearance	Clear and Bright
Density @ 15°C g/mL	0.869
Viscosity @ 40°C cSt	32
Flash Point °C	218
Fire Point °C	256
Pour Point °C	-18
Max. Oil Film Temperature °C	340
Max. Bulk Oil Temperature °C	325
Coefficient of Thermal Expansion % / °C	0.0915
Coefficient of Thermal Expansion per °C	0.000760

HEALTH & SAFETY

This product has been manufactured to the highest standards and when used for the purpose recommended is unlikely to present any significant health hazards. A Material Safety Data Sheet is available.

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