

# Thermoyle HT Series

Synthetic heat transfer fluids

## Your benefits at a glance

- Extremely low vapor pressure
- Sub-zero pour points
- Increased efficiency while reducing pressure build-up and evaporation losses

## Your requirements - our solution

Summit Thermoyle HT Series was designed to meet the tough thermal demands placed on high temperature heat transfer mediums. The synthetic hydrocarbon base stock is well suited to combat the problems of carbon formation on heated surfaces and decreased fluid life as is commonly encountered with conventional

petroleum-based fluids without exhibiting the hazardous characteristics found in aromatic heat transfer fluids. The additional benefits of an extremely low vapor pressure and sub-zero pour points allow for increased efficiency while reducing pressure build-up and evaporation losses. Maximum service temperature achievable in an evacuated closed heat transfer system.

## Material safety data sheets

Material safety data sheets can be requested via our website <https://www.klsummit.com>. You may also obtain them through your contact person at Summit Lubrication.

Characteristics	THERMOYLE-50HT	THERMOYLE-100HT	THERMOYLE-200HT
Article number	340176	340174	340175
Service temperature, upper limit	330 °C	330 °C	330 °C
Density	0.798 g/cm <sup>3</sup>	0.819 g/cm <sup>3</sup>	0.819 g/cm <sup>3</sup>
Fire point	179 °C	251 °C	266 °C
Flash point	140 °C	185 °C	185 °C
Ignition Point	324 °C	343 °C	354 °C
Kinematic viscosity, -20°C	49.8 mm <sup>2</sup> /s	326 mm <sup>2</sup> /s	812 mm <sup>2</sup> /s
Kinematic viscosity, 100°C	1.7 mm <sup>2</sup> /s	4.4 mm <sup>2</sup> /s	5.7 mm <sup>2</sup> /s
Kinematic viscosity, 40°C	5.3 mm <sup>2</sup> /s	18.2 mm <sup>2</sup> /s	31.8 mm <sup>2</sup> /s
Pour point	-73 °C	-73 °C	-68 °C
Minimum shelf life from the date of manufacture - in a dry, frost-free place and in the unopened original container, approx.	36 months	36 months	36 months

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## Summit Lubrication

Your expert in specialty lubricants. Since 1982, we have partnered with you to bring you the right solution and advanced lubrication technologies. With over 500 products, from air and gas compressor oils to refrigeration oils, we develop top-of-the-line products tailored to your specific needs. Your success is our success.

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