



Neste Therm S 8

Synthetic heat transfer oil

PERFORMANCE CLAIMS

ISO 6743-12 Q

DESCRIPTION

Neste Therm S 8 is a fully synthetic heat-transfer oil with a lower vapour pressure and higher flash point than mineral oils. It stands continuous high temperatures without oxidation and forms no carbon deposits or sludge in a correctly designed system.

The specific heat of Neste Therm S 8 is higher than that of mineral oils and it can be used even with start-up at low temperatures.

SPECIAL FEATURES AND BENEFITS

- Good thermal stability
- Excellent oxidation stability
- Low vapour pressure

TYPICAL CHARACTERISTICS

Density kg/m ³ 15°C	833
Flash Point °C (COC)	262
Pour Point °C	-57
Viscosity index	140
Viscosity cSt/ 40 °C	47
Viscosity cSt/ 100 °C	7.9
Viscosity cSt/200 °C	1,92
Viscosity cSt/320 °C	0,78
Self ignition point °C	369
Neutralization value (TAN) mgKOH/g	<0,03
Colour Saybolt (min)	+30

Neste Therm S 8 oil is used as a heat transfer fluid. The suitable operating temperature range is -40°C - +300 °C.

