



# SYNTHETIC HEAT TRANSFER OIL 25

## Product Description:

**SYNTHETIC HEAT TRANSFER OIL 25** is a high quality synthetic heat transfer oil intended for use in closed indirect heating systems with expansion tanks temperatures up to 350°C.

**SYNTHETIC HEAT TRANSFER OIL 25** is based on high quality synthetic base oil to ensure the following properties:

- Excellent thermal and oxidation stability.
- Minimizes deposit formation and viscosity increase.
- Extended service life and reduced downtime.
- Exceptional resistance to thermal cracking and decomposition enables this oil to perform well up to a maximum bulk oil temperature of 350°C with minimal interference with heat transfer capability.
- High specific heat and thermal conductivity of this oil provides more rapid heat dissipation.
- Superior low temperature fluidity ensures quick circulation at start-up and reduced risk of local over-heating.
- Non corrosive to aluminium, steel, copper, brass or bronze.
- Non-toxicity of this oil provides easy disposal of used oil.



Property	Unit	Typical Value
Density at 15°C	kg/m <sup>3</sup>	838
Kinematic Viscosity at 40°C	mm <sup>2</sup> /s	23.2
Kinematic Viscosity at 100°C	mm <sup>2</sup> /s	4.8
Viscosity index		131
Pour Point	°C	-18
Flash Point COC	°C	220
Total Acid Number	mg KOH/g	0,1
Spec. Heat at 300°C	KJ/kg*K	3,051
Spec. Heat at 200°C	KJ/kg*K	2,757
Spec. Heat at 100°C	KJ/kg*K	2,343
Thermal conductivity at 150°C	W/m*K	0,1099

**Product Nr:** 43895

**Date Superseded:** 13-11-2019

**Date Issued:** 18-12-2019

**Revision nr:** 01