



## HTO THERMO

### HEAT TRANSER OIL

#### DESCRIPTION

Premium quality low viscosity lubricant intended for use in closed indirect heating systems .It is formulated from highly refined minerals base stocks and special anti-oxidation additives.Due to its high specific heat and heat conductivity coefficients, high heat transfer rates are possible. HTO THERMO has low volatility tendency and high viscosity index that enable long service life without deposits formation or viscosity increase.

#### APPLICATIONS

**HTO THERMO** is suitable for use in indirect closed heating or cooling systems of any kind for industrial application where the bulk oil temperature ranges between -10°C και 320°C.

#### PROPERTIES - BENEFITS

PROPERTIES	BENEFITS
High resistance to thermal cracking and chemical oxidation	Improved cleanliness of the system . Retention of system operation efficiency
High specific heat and thermal conductivity	Enable high heat transfer rates
Low viscosity	Easy starting in cold conditions
Protection against rust and oxidation	The system remains in excellent condition after many hours of operation Reduced repair and maintenance costs.
Excellent demulsibility properties. Improved filterability	Long service life

#### PHYSICAL CHARACTERSTICS

HTO THERMO	METHOD	
Density at 15°C, g/cm <sup>3</sup>	ASTM D1298	0,874
Viscosity, Kinematic, (cSt) 40 °C	ASTM D445	34,9
Viscosity, Kinematic, (cSt) 100°C	ASTM D445	5,7
Viscosity index	ASTM D2270	102
Flash point, COC, °C	ASTM D92	212
Pour point, °C	ASTM D97	-15

*The mentioned characteristics represent mean values*

#### SPECIFICATIONS