

TECHNICAL DATA SHEET



PRODUCT INFORMATION

PRODUCT NAME VASOIL VASTHERM OIL

DESCRIPTION **VASTHERM OIL** is a paraffinic mineral fluid with excellent natural and added oxidation resistance. It is used as a heat transfer medium where indirect heating is preferred for economic or technical purposes, and required temperatures are not obtainable with hot water or steam without excessively high pressures.

PRODUCT USE

VASTHERM OIL is a high VI product which can be used safely in closed systems operating at temperatures up to 320 °C. With a high specific heat and thermal conductivity, it provides more rapid heating and greater system flexibility.

ADVANTAGES

1. High heat transfer rates.
2. Resistance to thermal cracking.
3. No sludge and coke deposits.
4. Protects against corrosion.
5. Long service life.

SPECIFICATIONS

- HVI Mineral Oils

CHARACTERISTICS (TYPICAL PROPERTIES)

VASTHERM	ASTM	
Specific Gravity at 15 °C, g/ml	D-1298	0.875
Viscosity at 40 °C, cSt	D- 445	32
Viscosity at 100 °C, cSt	D- 445	5.5
Viscosity Index	D-2270	105
Flash Point, [COC], °C	D- 92	230
Pour Point, °C	D- 97	-9

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