

HI-THERM HTF SERIES

DESCRIPTION

HI-Therm HT fluids are blended with highly refined paraffinic base oils to provide excellent heat conduction thermal properties in chemical processing plants. It contains oxidation stability & non-corrosive to equipment. Designed to minimise coking and varnish build up. It provides extended oil life, provided efficient fluid heating and good pump circulation is ensured, such that film temperatures on the heater surface do not exceed the limits below.

APPLICATIONS

- HTF SERIES are designed for use in closed system boilers and other transfer systems equipped with expansion tanks where temperatures do not exceed 600°F.
- HTF SERIES versatile applications are for all types of extensive product finds in textile, Constructions & Mining, pharmaceuticals, chemical and processing industries.

ADVANTAGES & BENEFITS

- Capable of an extremely long service life without deposit formation or viscosity increase.
- High heat transfer rates with improved operating efficiency.
- Flexible for combined heating and cooling cycles
- Capable of an extremely long service life without deposit formation or viscosity increase.
- Provides good low temperature fluidity which helps easy starting of cold system.
- High heat transfer rates with improved operating efficiency.
- Protection against corrosion & Flexible for combined heating and cooling cycles.

OPERATING TEMPERATURE

- HTF SERIES: operating temperature up to 305°C to 335°C.

Typical Properties

ISO Grade	HTF 22	HTF 32	HTF 42	HTF 46	HTF 68
Appearance	Clear & Bright				
Density @15°C	0.852	0.857	0.862	0.867	0.872
Viscosity of base oil @100°C	3.8	4.65	6.2	6.2	8.6
Viscosity of base oil @40°C	22	32	41	46	68
Viscosity Index	100	104	106	105	95
Flash point	190	215	225	221	230
Pour point	-17	-15	-13	-15	-12
Colour	1.0				
Conradson Carbon%	Nil				
Timken Ok Load	32	32	32.5	32	30.1

The values above are typical values. They do not constitute any contractual commitment.

Sales specifications are available on request. The present technical data sheet replaces all the previous edition.

Health and Safety

This product is not likely to present any significant health or safety hazards when used correctly in the right application. Safety Data Sheet (SDS) is available on request through our website www.slkkruizer.com

Protect the Environment

Take used oil to an authorised collection point. Do not discharge into drains, soil or water.

Storage

Storage We recommend to store all packages under cover. In case outside storage is unavoidable, drums should be laid horizontally to avoid the possible ingress of water and damage to drum markings. Products should never be stored above 60°C, exposed to hot sun or freezing conditions.

This data sheet and the information it contains is believed to be accurate as of the date of printing. However, no warranty or representation, express or implied, is made as to its accuracy or completeness. Data provided is based on standard tests under laboratory conditions and is given as a guide only. Users are advised to ensure that they refer to the latest version of this data sheet.

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SLK ENTERPRISES

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