

THERMIC OIL 600

DESCRIPTION & APPLICATIONS

Thermic Oil-600 is premium quality heat transfer oil specifically developed for heat transfer system where bulk operating temperatures go up to 310°C. This product is derived from finest quality petroleum base stocks and is fortified with high performance additives to enhance performance at higher temperatures. Thermic Oil-600 gives excellent performance in high temperature heat transfer systems. It can even replace imported synthetic products with a few minor system modifications and operate satisfactorily subject to the above temperature limit. It is an excellent heat transfer fluid & finds a wide range of application in textile, pharmaceutical, chemical & processing industries.

PERFORMANCE BENIFITS

- Ability to withstand higher operating temperature, up to 310°C
- Reduced oxidation and thermal degradation, hence longer life.
- Minimal fouling and deposit formation on heat transfer surface. Hence it offers improved heat transfer.

Typical Properties

Properties	Test Method	Thermic Oil-600
Kinematic Viscosity @40°C, cSt, Min.	ASTM D445	27 - 32
Flash Point, (COC), °C, Min.	ASTM D92	215
Pour Point, °C.	ASTM D97	-9
Copper Strip Corrosion @100°C for 3hrs., Max.	ASTM D130	1
Neutralisation Number, (mg KOH/gm), Max.	ASTM D974	0.15
Specific Heat Kcal/Kg °C		
A] At 260°C		0.740
B] At 280°C		0.760
C] At 300°C		0.790
Thermal Conductivity, Kcal / hr-mt °C		
A] At 260°C		0.100
B] At 280°C		0.099
C] At 300°C		0.097

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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