

# Hi-Tech THERM D11

## Moderate Temperature, Low Viscosity Thermic Fluid

### Introduction

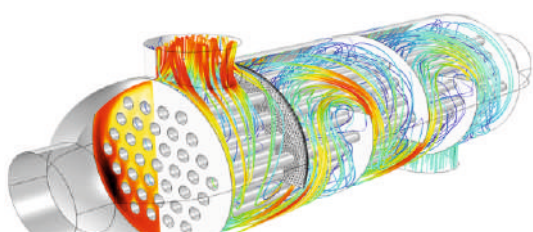
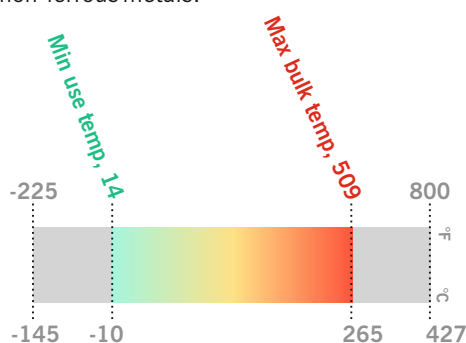
**Generation Four Engitech Ltd., Hi-Tech Solution** is 12 years old company standing at second largest company as Importing/ Manufacturing and selling of specialized thermic fluid in India. We have our network all over INDIA and also having sales & service points at many countries registered under SAFTA . We serve friendly services to our more than 6000 customers with our world class products. We have a huge list of branded customers with few from India's fortune 500 companies.

### Description

The working temperature range of **Hi-Tech Therm D-11** is **-10°C to 265°C**. It is a high performance, low Viscosity thermic fluid manufactured with required additives to run trouble free for long life. The carbon formation is very less because of it's high oxidation stability and thermal stability. It works extra ordinary as heat transfer media in closed loop thermic fluid system of chemical industries.

### Advantages of using Hitech Therm D-11

- High Co-efficient of heat transfer property benefits in fast heat transfer.
- Maintains high and stable flash point for long time.
- Low pour-point provides good performances at low temperature.
- Very good anti-corrosion properties in relation to ferrous and non-ferrous metals.
- Low viscosity and viscosity index will benefit in less load on circulation pumps.
- Very good oxidation and Thermal stability.
- Excellent detergency contributing in system cleanliness.
- Low sludge formation, better performance of filters and control valves.
- Comparatively beneficial in power and fuel saving.



### Technical Properties

Characteristics	Test Methods	Specifications
Colour	Visual	Water White
K. Viscosity of base oil at 40 °C mm <sup>2</sup> /s(cSt)	ASTM D445	10-12 cst
Flash Point	ASTM D92	205°C
Fire point	ISO 2592	230°C
Pour Point	ASTM D97	-30°C
Air release at 5°C	ISO 9120	1 min
Auto Ignition temperature	ASTM 2155	330°C
Rust prevention test	ISO 7120	Pass
Total Acid No.	ASTM D664	0.01 mg KOH/g
Water Content	IS: 2362	0.039%
Density @ 15°C/g/ ml	ASTM D 4052	0.83

All the mentioned values are typical which may vary from batch to batch.