

# Hi-Tech THERM S3

## HIGH PERFORMANCE HEAT TRANSFER FLUID

### Thermic Fluid technology used in USA, Europe, and Arabian countries

With the experience of 18 years, Team Generation Four Engitech Ltd. is one of the well-known names in the field of thermic fluids. Including export and Indian market we are serving to more than 5000 clients, directly and with the help of dealer network.

**Hi-Tech Therm S3** is manufactured out of purest Synthetic base oil having nearly nil sulphur contain. Due to its special additive package it has very high efficient running life with low top up and low operating cost.



### Physical Properties

 <b>Composition</b> Synthetic Base Thermic Fluid	 <b>Kinematic Viscosity</b> @ 40°C   <27cSt	 <b>Flash point</b> (ASTM D-92) 227°C   401°F	 <b>Total Acid Number</b> 0.01 mg KOH/g
 <b>Max. bulk Temperature</b> 326°C   608°F	 <b>Pour Point</b> -20°C   -4°F	 <b>Boiling point</b> @1013 mbar 365°C   689°F	 <b>Moisture Content</b> <100 ppm

### Application

Hi-Tech Therm S3 can be used in all types of heat transfer systems for indirect heating. This oil work well in rapid heating and flexible heat transfer in industries like textile, chemical, plywood, food and many more. With the proper flow rate we can use this oil up to 326°C in close loop system. Proper plant and machinery design with standard operating condition this oil can give 10 to 20 years of working life.

### Compatibility Process With Other Thermic Fluid

Hi-Tech Therm S3 is compatible with other mineral or synthetic base thermic fluids like : Hytherm 500-600, Shell Thermia B, Servotherm, Therminol-55 and so on. Because of low viscosity & silicon additive adding of Hi-tech Therm S3 will increase overall performance of running oil. However lab confirmation is recommended for more safety.

