

Hi-Tech THERM M3

MINERAL BASE THERMIC FLUID OIL

Generation Four Engitech Ltd. **HITECH SOLUTION** is 12 year old company standing as the second largest company as Importing / Manufacturing and selling specialized thermic fluid in India. We have our networks all over INDIA and also having sales and service points at many countries registered under SAFTA. Friendly services towards our customers and with our world class products we serve more than 6000 customers. We have a huge list of branded customers with few from India's fortune 500 companies.

HITECH THERM M3 is a mineral base thermic fluid oil which is designed to cover a broad range of heat transfer applications for close loop thermic fluid system. The product is added with additives to protect oil from oxidation protection of oil. The product is recommended for maximum bulk Temperature up to 320°C. Low top up requirement is a added advantage of this product.

Applications of Hi-Tech Therm M3

- Asphalt Terminals & Processing
- Chemical Processing
- Corrugated & Paper Processing
- Textile Industry
- Marine - Barges & Ocean Vessels
- Oil & Gas Processing
- Plywood Industry
- Waste Water Treatment Facilities
- Food Processing and many more



Product Specification

Properties	Hi-Tech Therm M3
Kinmatic Viscosity @ 40°C	27 cst
Flash Point	220°C
Maximum Bulk Temperature	320°C
Moisture Content	<90ppm
Total Acidic Number	0.05 mg KOH/g
Co-efficient of Thermal Expansion	0.00076/°C

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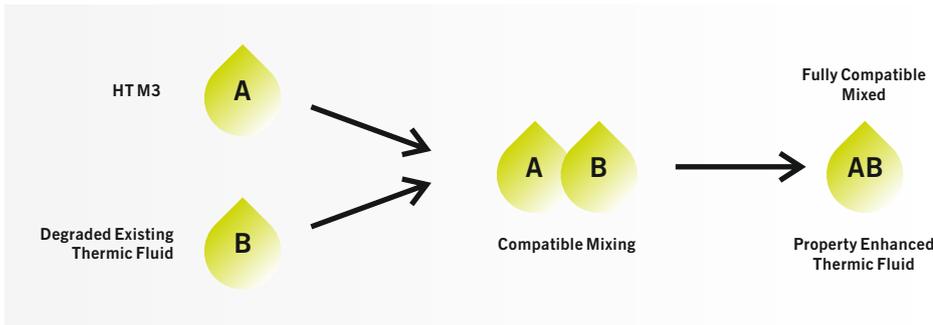
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Characteristics

- Good Oxidation Stability - A highly refined paraffinic base oil and anti-oxidation additives assure you excellent oxidation stability and reduce problems caused by formation of sludge.
- Good Thermal Stability - Addition of special additives assure excellent thermal stability minimizes viscosity changes
- Lower top-up requirement – Low vapor pressure will result in lower top-up need.
- High Flash Point – this fulfill the market need and set peace of mind.



Compatibility With Other Heat Transfer Fluids



Hitech Therm M3 is compatible and can be mixed with other mineral base thermic fluids without any problem. It's additive advantages will improve your existing oil's performance also. Customer can send their existing oil sample and after test we can provide you a written certificate for compatibility.

Heat Transfer Fluid Sample Analysis

Heat transfer fluids may provide trouble-free service for many years. To get maximum efficient life, testing of running heat transfer fluids is necessary. Through fluid analysis we get reports about moisture, thermal degradation, kinematic viscosity and other conditions that may impact system performance.

Hitech Solution also provides sample collection kits with guidelines of sampling. We recommend sample analysis on a quarterly basis and at the time of suspected problems.



Start-up And Operating Assistance



HITECH SOLUTION provides start-up and operating assistance for your thermic fluid heater. We review installation and offer suggestions to solve your typical problems. Customers can also receive help by calling their local Hitech TFH experts or from our customer care.