

Improve Your THERMIC FLUID'S Flash Point at Site

Flash point is major criteria for any thermic fluid when we talk about fire safety. Any thermic fluid having its flash point below 170°C should be improved immediately as per the international standard otherwise the negligence may lead to fire accident.

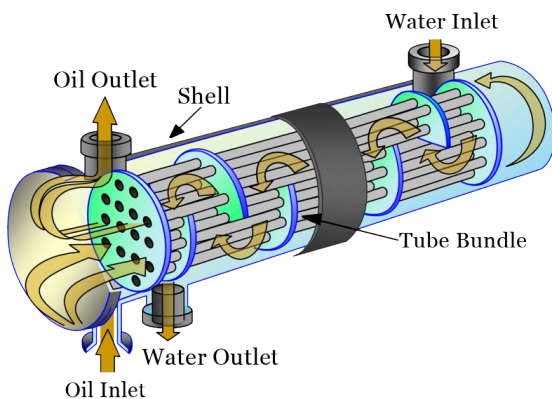
Generation Four Engitech Ltd.

Hi-tech Solution provides the Flash Improvement Service with the help of its automatic Flash Point Improving (FPI) machine to take out the low boilers from the system and increase the flash point of your running thermic fluid without disturbing your plant's production.



Major Highlights

- No need to shutdown the plant. Just connect the machine and it will start working .
- Low Boilers of the fluids will be collected in a safe tank through a condenser.
- Our two operators will be working at your site and two helpers should be arranged by you.
- FPI machine is well equipped with required pump, motors and automatic valves.
- Client has to arrange the MS pipe, inlet and Outlet connections. (a welder is required)
- Improvement of flash point can be achieved with your regular running temperature, sometimes our FPI machine may require more than 280°C of temperature depending on the % of low boiler of your thermic fluid
- Flash Point will be improved upto 85% to 90% comparison to your new thermic fluid's flash point..
- Days of working depends on your volume of oil in system.
- Crane should be arranged by the client to unloading and placing the FPI machine at your site..
- We may require your help to resolve any electrical or mechanical faults.
- Soft water and air compressor line will be provided by client.



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Work Flow Chart

STEP 01	Machine will be loaded in truck and transferred at your plant.
STEP 02	Unloading and placing at work place using crane.
STEP 03	Inlet and Outlet connections should be made in your system with the help of welder.
STEP 04	Water supply and air lines is to be connected to FPI.
STEP 05	All auto valves, sensors, timer and pumps will be inspected.
STEP 06	FPI machine will be processed batch by batch.
STEP 07	Each and every batch will be tested after processing.
STEP 08	If found ok , the whole batch of fluid will be transferred to the system.
STEP 09	Low Boilers (cracked hydrocarbon chain) will be collected in 300 Ltr tank.
STEP 10	When 300 Ltrs tank get full, it will be transferred it to the safe tank.
STEP 11	Checking the flash point in time interval till it reach the desire level.
STEP 12	Disconnecting and reloading of the FPI machine.

