

Description : Due to oxidation of Heat Transfer Fluid Acid Formation in the thermic fluid takes place. This can be identify by measuring TOTAL ACID NUMBER (TAN) of thermic fluid. TAN above 1 is harmful to thermic fluid system as discussed below..

- Higher TAN thermic fluid increases insoluble (carbon formation).
- It starts sticking on the metal surface. It affects heat transfer efficiency of the thermic fluid system.
- It corrodes metal surface.

sigma THERM[®] - AC additive exhibits exceptional acid neutralization property for the hydrocarbon structures found in most mineral and synthetic heat transfer fluids. It reacts with acid formed in thermic fluid and neutralizes the same.

sigma THERM[®] - AC additive is ideal to use with heat transfer oils, particularly when they become acidic. It's amazing Powerful Action provides a dramatic reduction in the TOTAL ACID NUMBER (TAN) of heat transfer media and protects metal from corrosion. It also provides detergency effect – means it cleans metal surface.

Application : **sigma THERM[®] - AC** Additive can be used in many industrial indirect heating and cooling processes where TAN has become 1 or more.

It comes in flow able liquid form. It has to be charged into system as we are doing for top up or make of thermic fluid.

All these applications for Powerful Action lead to lower cost in problem solving.

sigma THERM[®] - AC Additive does not form any viscous or solid deposits that lead to fouling on heat exchanger surfaces or clogging of the heat transfer circuit. It is used to correct these types of problems.

- Benefits** :
- Reduces TAN of Thermic Fluid
 - Protects metal from corrosive attack of acid
 - Cleans up metal surfaces from carbon deposition
 - Removes stickiness of acidic thermic fluids

Dosage : Use of **sigma THERM[®] - AC** additive at levels as low as 1 % for thermic fluid having TAN of 1.

Specification :

Property	Value
Specific Gravity @ 15 °C	0.9±0.02
Kin Vis @ 40 °C, cSt	Below 100
Max oil temp. °C	320
Pour Point, °C	Below (-10)

Packing : 35, 210 Ltrs



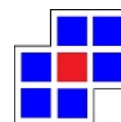
ISO 9001

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