

# Kixx Therm AB 20

*Linear Alkyl Benzene Synthetic Heat Transfer Fluid*



## DESCRIPTION

Kixx Therm AB 20 is a synthetic heat transfer fluid suitable for use in a wide range of industry processes. Kixx Therm AB 20 is produced from Linear Alkyl Benzene and high quality base oil produced by GS Caltex and shows superior thermal and oxidation stability at high temperature.

## APPLICATIONS

Kixx Therm AB 20 is recommended for usage at temperature range -10~+300°C and can be used in dyeing plants, heating system in chemical plants, injection molding system, pulp and paper industry and other wide range of heating systems.

## PERFORMANCE STANDARDS

- KS M 2501
- GB 23971-2009

## CUSTOMER BENEFITS

- Superior oxidation stability enables long period usage at high temperature.
- Superior rust and corrosion preventive technology that protects the system in use.
- Superior thermal stability and minimize sludge formation.
- Extends the lifetime of equipment by minimizing sludge and oxidized material formation.
- Superior low temperature performance for usage at cold climate.
- Can be used in mixture with mineral oil or other alkyl benzene type heat transfer fluid.

## KEY PROPERTIES

Density, kg/L @15°C	0.8568
Kinematic Viscosity, mm <sup>2</sup> /s @ 40°C	20.4
Kinematic Viscosity, mm <sup>2</sup> /s @ 100°C	4.03
Kinematic Viscosity, mm <sup>2</sup> /s @ 200°C	1.17
Kinematic Viscosity, mm <sup>2</sup> /s @ 300°C	0.65
Pour Point, °C	-33
TAN, mgKOH/g	0.00
Flash Point, °C	218
Ignition Point, °C	379
Distillation 5%, °C	337
Distillation 95%, °C	473
Molecular Weight	359
Maximum oil film temperature, °C	360
Highest operating temperature, °C	320
Package (Liters)	200

## HANDLING AND STORAGE

- Avoid direct sunlight contact and store at cool and dry areas.
- Apply cover when storing outdoor to prevent rain water or other materials mixing with product.
- For more information please refer to MSDS.