

Mineral Base Heat Transfer Fluid

Brighton HT 32 Heat Transfer is a high quality heat transfer fluid. It has relatively low viscosity so it has good viscosity versus temperature characteristic

Applications

- Heating of domestic and industrial premises.
- Production of steam and hot water.
- Air conditioning.
- Heating by heat exchange.
- All types of systems (piping, pumps).
- Heating of heat treatment baths, autoclaves, reaction vessels, furnaces, dies, tunnel driers, injection moulding machines.
- Manufacturing processes (cement works, paper mills, timber industry).

Customer Benefits

Brighton HT 32 is formulated with selected base-stocks which own the following properties:

- Good thermal stability
- High flash point
- Viscosity index

Performance Level

- ISO 6743/12 class L family QB
- DIN 51502 class L

Typical Characteristics

PROPERTIES	UNIT	VALUE
Volumetric mass at 15 0C	kg/m3	880
Viscosity @ 40 °C	mm2/s (cSt)	30.6
Viscosity @ 100 °C	mm2/s (cSt)	5.2
Cleveland flash point (open cup)	°C	225
Cleveland fire point (open cup)	°C	250
Pour point	°C	-12
Limit temperature of oil film	°C	300