MAGNA ™ THERMAX FLUID

MAGNA ™ THERMAX FLUID– High quality oil designed with VI paraffinic oil and specially selected chemical additive system which imparts low vapor pressure, high thermal stability, specific, heat and thermal conductivity to the oil.

Applications

MAGNA THERMAX FLUID Recommended for non-pressurized, closed liquid phase heating systems operating up to 310 C. such systems are widely used in the food, construction, plastic, timber, asphalt plants metal industries as well as laundries, ships and where waste heat is extracted from flue gases.

Special note: the term flash point and fire point, in the typical characteristics constitute purely technical results achieved at specific tests they cannot be assumed to be actuals, for in a heat transfers system it is quite normal for the oil temperature to be higher than its flash and fire point resulting in hazards like explosions and fire.

Features & Benefits

- Excellent resistance to sludging and fouling of heat transfer zone.
- Excellent fluidity at low temperatures ensures easy circulation.
- High thermal and oxidation stability at high temperatures.
- Good long-term rust and corrosion protection.
- Excellent heat transfer properties and consistently high heat transfer performances.

Typical Characteristics

THERMAX FLUID ISO	32	46	68	100
Density @ 15°C Kg/m³	874	877	891	894
Kinematic viscosity, 40°C cSt	32	46	68	100
Kinematic viscosity, 100°C cSt	5.5	6.7	8.7	11.3
Viscosity Index	102	101	100	100
Flash point, COC, °C	220	224	232	236
Pour point, °C, Max	-12	-10	-9	-9
Fire point, COC, °C	243	243	241	240
Autogeneous-ignition temperature °C	345	345	345	345