SERIOLA 3120

Synthetic Heat Transfer Fluid

APPLICATIONS

- Heating of domestic & industrial premises
- Production of steam & hot water.
- Heating by heat exchange (counter- current heat exchangers).
- Recommended for all types of closed heat transfer systems (piping, pumps, etc.)
- Heating of heat treatment baths, autoclaves, reaction vessels, furnaces, dies, tunnel dryers, injection moulding machines, etc.
- Manufacturing processes (cement works, paper mills, timber industry, etc.)
- Operational temperature limits from –10 °C to +315 °C

ADVANTAGES

Running, safety, long-life time

- Very long life cycle with good resistance to thermal cracking and oxidation
- Very good solubilization of the oxidation products
- Excellent thermal stability even at high temperatures
- Low pour point, easy to start-up in winters and very cold temperatures
- Miscible & compatible with all portions of mineral oils
- Very high auto-ignition point

CHARACTERISTIC

SERIOLA 3120	Method	Units	Typical
Appearance	Visual	-	Clear
Colour	D-1500	-	2.0
Density at 15°C	D-4052	kg/m³	0.866
Viscosity at 40ºC	D-445	mm²/s	26.67
Pour point	D-97	°C	-37
Cleveland Flash Point	D-92	°C	201
PMCC Flash Point	D-93	°C	214
Auto-ignition Point	D-2155	°C	366
Conradson Carbon Residue	D-189	%wt	0.02
IBP	D-86	°C	332
Distillation 5%	D-86	°C	356
Distillation 95%	D-86	°C	400
EP	D-86	°C	399
Max. Bulk Temperature Limit		°C	315
Max. Oil Film Temperature		°C	335

The typical characteristics mentioned represent mean values.