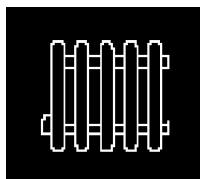


# SERIOLA IL 1120

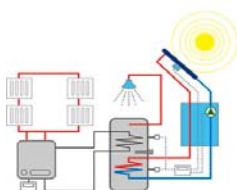


*Heat transfer fluid*



## Synthetic Heat Transfer Fluid

### PRODUCT PROFILE



Formulated from selective synthetic base fluids to meet indirect heating of closed heat transfer system. Suitable for the system having operational temperatures (-10 to 305°C) to render longer service life.

### APPLICATIONS

- Suitable for domestic & industrial heat transfer system operating up to 305 deg c bulk temperature
- Used in steam & hot water production, Air-conditioning unit and Storage bin temperature control system
- Heat exchanger (counter- current heat exchangers).
- Closed heat transfer systems viz. piping, pumps, etc.
- Heat treatment baths, autoclaves, reaction vessels, furnaces, dies, tunnel dryers, injection molding machines heating
- Manufacturing processes (Textile process house, cement works, paper and timber industry)

### ADVANTAGES

- Synthetic nature exhibit high resistance to thermal cracking and oxidation thus leads to attain longer oil service life
- Very good solubilisation character helps in keeping the system clean and deposit free thereby ensuring better heat transfer efficiency.
- Superior thermal conductivity nature reduces oil thickening thus maintain the operational efficiency.
- Higher boiling nature helps in reducing evaporation loss thus reduces top up
- Lower pour point helps in quicker start-up in winters and very cold temperatures thus save energy.
- Higher auto-ignition point reduces risk of fire hazards.

#### TOTAL LUBRICANTS INDIA LTD.

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Date 01/09

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Typical Characteristics	Reference Method	SERIOLA IL 1120
Density at 29.5°C, kg/l	ASTM D 4052	0.868
Viscosity at 40°C, cSt	ASTM D 445	20.95
Pour point, °C	ASTM D 97	< (-) 36
Auto Ignition Temperature, COC, °C	Internal	380
Conradson Carbon Residue, % by Wt.	ASTM D 189	Nil
IBP, °C	ASTM D 86	327
FBP, °C	ASTM D 86	375
Thermal conductivity @320 °C, Kcal/mhr °C	Internal	0.0945

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