

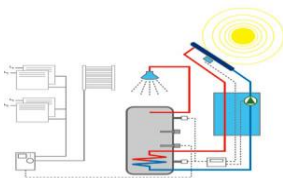
# Heat Transfer Fluid **SERIOLA 1510**



**TOTAL**

## Mineral based Heat Transfer Fluid

### PRODUCT PROFILE



### International Specification

### APPLICATIONS

### ADVANTAGES

#### Long Service Life

#### Safety

- Seriola 1510 is formulated with selective base stocks having good thermal stability, higher VI and very high flash point to meet indirect heating of closed heat transfer system.
- Seriola 1510 meets
  - ISO 6743/12 Class L family QB
  - DIN 51502 Class L
- Suitable for domestic & industrial heat transfer system operating up to 305 deg c bulk temperature and 325 deg c film 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)
- Good resistance to thermal cracking and oxidation leads to longer oil service life.
- Low pour point helps in quick start-up in winters and cold temperatures thus enhances the operational efficiency by reducing the start up time.
- Very high flash point reduces the risk of fire hazard.

Typical Characteristics	Reference Method	SERIOLA 1510
Density at 29.5°C, kg/l	ASTM D 1298	0.855
Viscosity at 40°C, cSt	ASTM D 445	31.85
Viscosity Index	ASTM D 2270	105
Pour point, °C	ASTM D 97	-15
Cleveland Flash Point	ASTM D 92	230
Specific heat @ 310 deg c, KJ/Kg °C	Internal	2.875
Thermal conductivity @310 °C, W/m °C	Internal	0.113

Above characteristics are mean values given as an information.

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Date 01/12

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