

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 $+315^{\circ}\text{C}$

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/m^3	0.866
Viscosity at 40°C	D-445	mm^2/s	26.67
Pour point	D-97	$^{\circ}\text{C}$	-37
Cleveland Flash Point	D-92	$^{\circ}\text{C}$	201
PMCC Flash Point	D-93	$^{\circ}\text{C}$	214
Auto-ignition Point	D-2155	$^{\circ}\text{C}$	366
Conradson Carbon Residue	D-189	%wt	0.02
IBP	D-86	$^{\circ}\text{C}$	332
Distillation 5%	D-86	$^{\circ}\text{C}$	356
Distillation 95%	D-86	$^{\circ}\text{C}$	400
EP	D-86	$^{\circ}\text{C}$	399
Max. Bulk Temperature Limit		$^{\circ}\text{C}$	315
Max. Oil Film Temperature		$^{\circ}\text{C}$	335

The typical characteristics mentioned represent mean values.

PT TotalEnergies Marketing Indonesia
01-11-2021
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LRQA



This lubricant, when used according to our recommendations and for the purpose for which is intended, presents no particular hazards. A safety data sheet complying with current EC legislation can be obtained from your local commercial adviser. <https://ms-sds.totalenergies.com/totalpullwebsite/>

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