

SERIOLA 320



Heat transfer fluid

Inhibited mineral heat transfer oil with a very high viscosity.

APPLICATIONS

Open circuit heating

- All open heating systems operated through heat transfer fluids. Any installation with permanent air contact: water bath, hot oil bath.
- Any application requiring a fluid the fire point of which is higher than the operating temperature.
- Lubrication of basic machinery at high temperature.
- In view of its high viscosity, **SERIOLA 320** is not recommended for closed circuits.

The **SERIOLA ETA** range of products is recommended for such applications.

SPECIFICATIONS

International standard

- ISO 6743/12 class L family QA

ADVANTAGES

Heating with air contact at high temperature

- Resistance against oxidation delays deterioration of the oil bath at high temperature with air contact.
- High fire point increases safety in open-type installations.
- Low vapour release to maintain a working environment.
- Low volatility: very low consumption as the initial distillation point of **SERIOLA 320** is higher than 350 °C.

TYPICAL CHARACTERISTICS	METHODS	UNITS	SERIOLA 320
Density at 20 °C	ISO 3675	kg/m ³	897
Kinematic viscosity at 40 °C	ISO 3104	mm ² /s	310
Kinematic viscosity at 100 °C	ISO 3104	mm ² /s	24.5
Kinematic viscosity at 200 °C	ISO 3104	mm ² /s	3.77
Flash point OC	ISO 2592	°C	280
Fire point	ISO 2592	°C	320
Pour point	ISO 3016	°C	- 9
Acid value	ISO 6618	mgKOH/g	0.02
Conradson carbon residue	ISO 6615	% weight	0.3

Above characteristics are mean values given as an information.

TOTAL LUBRIFIANTS
Industrie & Spécialités

04-02-2010 (supersedes 03-02-2003)

SERIOLA 320

1/1



This lubricant used as recommended and for the application for which it has been designed does not present any particular risk.

A material safety data sheet conforming to the regulations in use in the E.C. can be obtained from your local commercial adviser or down loaded from www.quick-fds.com.