



PRODUCT DATA SHEET

Oscar Heat Transfer Fluid IO

DESCRIPTION

Mineral based heat transfer fluid with corrosion inhibitors.

Oscar Heat Transfer Fluid IO formulated from highly refined base stocks that are resistant to thermal cracking and chemical oxidation.

PROPERTIES

This fluid assures:

- A good resistance to thermal cracking
- **An excellent resistance to oxidation in contact with the air thanks to special additives**
- An excellent thermal stability
- Low deposits
- Good ageing resistance

APPLICATIONS

- Heating in a liquid bath and all applications where air is present.
- Heating of domestic and industrial premises.
- Production of steam and hot water.
- Keeping storage tanks at the requisite temperature.
- Heating by exchange systems (counter flow heat exchangers).
- Heating of thermal baths, autoclaves, reactors, furnaces, molding systems, drying tunnels and presses.

TYPICAL PROPERTIES

Oscar Heat Transfer Fluid IO			
Typical Properties	ISO Grade	22	32
Test Parameters	ASTM Method	Typical Values	
Density @ 15°C, kg/l	ASTM D1298	0.84	0.86
Viscosity @ 100°C, cSt	ASTM D445	4.2	5.5
Viscosity @ 40°C, cSt	ASTM D445	22	32
Bulk temperature limit, °C	-	310	310
Flash Point, °C	ASTM D92	195	230
Pour Point, °C	ASTM D97	-15	-12
Acid value, mgKOH/g	ISO 6618	0.01	0.01

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The values shown above are typical values at the date of publication. Oscar Lubricants reserves the right to change these typical values without prior notice.