



# PRODUCT DATA SHEET

## Oscar Heat Transfer Fluid IO

### DESCRIPTION

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Synthetic based heat transfer fluid with inhibitors.

### PROPERTIES

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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

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- Heating in a liquid bath and all applications where air is present.
- Heating of domestic and industrial premises.
- Production of steam and hot water.
- Air conditioning.
- 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

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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	N/A	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.*