Oscar HDM Heat Transfer Fluid IO

PRODUCT DESCRIPTION

Oscar HDM Heat Transfer Fluid IO Intended for use in closed indirect heating installations. It is recommended for use in cold-oil sealed, indirect heating and cooling systems in all kinds of industrial processes.

APPLICATION

- 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.

PROPERTIES

- 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

TYPICAL PROPERTIES

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Typical Properties	**ISO Grade**	**22**	**32**	**46**
Test Parameters	ASTM Method	Typical Values		
Density @ 15˚C, kg/l	ASTM D1298	0.84	0.86	0.87
Viscosity @ 100˚C, cSt	ASTM D445	4.2	5.5	7.1
Viscosity @ 40˚C, cSt	ASTM D445	22	32	46
Bulk temperature limit, ˚C	N/A	310	310	300
Flash Point, ˚C	ASTM D92	195	230	≥ 220
Pour Point , ˚C	ASTM D97	-15	-12	-15
Acid value, mgKOH/g	ISO 6618	0.01	0.01	0.01

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

HEALTH & SAFETY, ENVIRONMENT:
Prolonged and repeated contact with oil may cause skin disorders. Avoid contact. Wash immediately with soap and water. Do not discharge used oil in to drains or the environment. Dispose to an authorized used oil collection point. For further Information on Safety Guidelines please refer to MSDS available on our website www.oscarlubricants.com