

## Mineral oils for heat transfer by circulation.

### ADVANTAGES

Heat transfer fluids prepared from a petroleum oil base having a good thermal stability and a high flash point.

Special additives increase their resistance to oxidation, preventing deposit formation and circuit corrosion.

### USES

- All heating processes using a heat transfer fluid between a generator and a heat exchanger.
- Water bath heating.

Characteristics	Units	Standards	N°10	N°1	N°2
Viscosity grade ISO	-	NF ISO 3448	32	46	100
Density at 20°C	kg/m <sup>3</sup>	NF T 60-101	873	881	889
Density at 100°C	kg/m <sup>3</sup>	NF T 60-101	821	832	840
Specific heat at 20°C	Cal/g/°C	-	0,46	0,46	0,46
Specific heat at 100°C	Cal/g/°C	-	0,51	0,51	0,51
Coefficient of expansion per 1°C	-	-	0.000633	0.000633	0.000633
Flash point (OC)	°C	NF T 60-118	210	220	230
Pour point	°C	NF T 60-105	-18	-16	-15
Kinematic viscosity at 40°C	mm <sup>2</sup> /s	NF T 60-100	32,5	46,1	100,3
Kinematic viscosity at 100°C	mm <sup>2</sup> /s	NF T 60-100	5,4	6,9	11,5
Normal working temperature	°C	-	180-270	180-280	180-290
Maximum working temperature	°C	-	290	300	310
Viscosity index	-	NF T 60-136	101	102	102

*Characteristics are given for information only and correspond with our manufacturing standards. IGOL reserves the right to modify them to provide its customers with the benefits of technical progress. Before using this product read the instructions for use and the environmental impacts mentioned in the technical and safety data sheets. The information given above is based on the current level of knowledge relative to the product concerned. The product user should take all useful precautions relative to its use. IGOL can in no circumstances be held responsible for damage resulting from incorrect use.*

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