

## HEAT TRANSFER OIL ISO 32

### DESCRIPTION :

Is a heat transfer oil consisting of a special refined mineral oil with exceptional oxidation stability and very high resistance to thermal decomposition.

### APPLICATIONS :

This oil is recommended for heat transfer systems in a generator, equipped with expansion vessels and a proper circulation speed, where the maximal oil temperature does not exceed 315°C. The maximum film temperature is 340°C.

### SPECIFICATION LEVEL :

This oil meets all the required qualities of diathermic liquids with regard to thermal and chemical stability, low vapor pressure and it is completely neutral with respect to the metals present in thermal units.

### TYPICAL CHARACTERISTICS :

Test	Method	Unit	Average result
Density at 15°C	D 4052	kg / m <sup>3</sup>	870
Density at 100°C	D 4052	kg / m <sup>3</sup>	812
Density at 200°C	D 4052	kg / m <sup>3</sup>	746
Density at 300°C	D 4052	kg / m <sup>3</sup>	680
Flash point, COC	D 92	°C	208
Pour point	D 6892	°C	-15
TAN (Acid number)	D 664	g KOH/kg	0,01
Viscosity at 40°C	D 445	cSt	30,3
Viscosity at 100°C	D 445	cSt	5,4
Viscosity index	D 2270		113
Vapour tension at 200°C		mbar	2
Vapour tension at 250°C		mbar	16
Vapour tension at 300°C		mbar	55

We reserve the right to alter the general characteristics of our products in order to let our customers benefit of the latest technical evolutions.