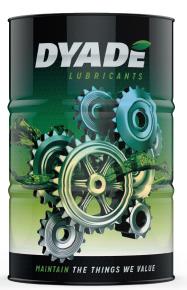
HEAT-PLUS DIATHERM 32

HEAT TRANSFER FLUIDS



321900301

DIATHERMIC FLUID

This high-performance heat transfer oil is recommended for use in most installations requiring diathermic fluids. It meets the necessary requirements for thermal and chemical stability, low vapor tension, complete neutrality towards metals, and non-toxicity. It is formulated using highly refined paraffinic base oil, which provides excellent viscosity. This product is suitable for heat transfer systems equipped with expansion vessels and with appropriate circulation speed, where the maximum operating temperature of the oil does not exceed 315°C.

PROPERTY	METHOD	VALUE	
Viscosity @ 40 °C, mm²/s	ASTM D445	30,3	
Viscosity @ 100 °C, mm²/s	ASTM D445	5,4	
Density @ 20 °C, kg/dm³	ASTM D4052	0.870	
Density @ 100 °C, kg/dm³	ASTM D4052	0.812	
Viscosity index	ASTM D2270	113	
Flash point C.O.C, °C	ASTM D92	208	
Pour point, °C	ASTM D6892	-15	
TAN, mg KOH/g	ASTM D664	0,01	
Vapour tension @ 200°C, mbar		2	
Vapour tension @ 250°C, mbar		16	
Vapour tension @ 300°C, mbar		55	



CATEGORY

Industry Specific

BENEFITS

- Higher resistance against thermal cracking than conventional (higher viscosity) fluid
- Oxidation resistant
- Faster transfer to turbulent flow also during start-up operations thanks to good low temperature fluidity
- Less energy consumption resulting in reduced operating costs
- Extended service and fluid life



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