

DIVYOL THERM 740 HEAT TRANSFER FLUID

Divyol Therm 740 is a synthetic type heat transfer fluid processed from synthetic base oil and select additives that enhance performance. It can be used in thermic fluid systems up to maximum temperature of 310°C to 320°C.

Applications:

Divyol Therm 740 heat transfer fluid is used in a wide variety of industrial heating system applications such as natural gas purification, plastics moulding process, pharmaceuticals, chemicals processing, biodiesel production and textile manufacture. It is specially recommended for use in heat transfer systems operating with bulk oil temperature up to 320°C.

Advantages:

Divyol Therm 740 heat transfer fluid generates the least amount of oxidation by-products. Regular usage of this thermic fluid reduces evaporation losses, and consequently there is a smaller variation to make up for, in oil volumes. It keeps the system clean and also reduces oil consumption and oil change frequency. Its low viscosity and excellent pumpability help reduce power consumption.

Typical properties:

Sr. No.	Characteristics	Test Method	Divyol Therm 740
1	Appearance	Visual	Bright and clear
2	Colour, max.	ASTM D 1500	1.0
3	Kinematic viscosity at 40°C, cSt, min.	ASTM D 445	33 – 38
4	Kinematic viscosity at 100°C, cSt, min.	ASTM D 94	6 – 10
5	Viscosity index, min.	ASTM D 2270	130
6	Flash point °C, min.	ASTM D 92	225
7	Pour point, °C, max.	ASTM D 97	-12
8	TAN, mg KOH/g	–	0.1
9	Ignition temperature °C	–	350
10	Initial boiling point °C	ASTM D 1160	340
11	Final boiling point °C	ASTM D 1160	399
12	Coefficient of thermal expansion	–	0.00092

The above properties are typical values and do not constitute specification of the product.

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