

Technical Data Sheet

MARLOTHERM® LH Heat Transfer Fluid

Product Description

Marlotherm LH provides good heat transfer down to temperatures around 0°C. At working temperatures below 0°C, the heat-exchange surface need to be matched to the technical characteristics of Marlotherm LH and the flow conditions. Marlotherm LH is best suited for temperature control of vessels, reactors, and processing machines which are both heated and cooled by a central heat-transfer system, as well as systems in which several consumers have to be supplied at very different temperature levels.

Marlotherm LH can be used at working temperatures above 280°C in pressurized systems.

Typical Properties

Property	Test Method	Typical Value, Units
General Properties		
Normal Boiling Point @ 1013 mbar	ASTM D 1078	approx. 278 - 282 °C
Pour Point	DIN ISO 3016	approx. -30 °C
Flash Point	EN 22719	approx. 130 °C
Autoignition Temperature	DIN 51794	approx. 510 °C
Physical and Thermal Properties		
Appearance Visual		liquid, clear
Chlorine	DIN 51408	< 10 ppm
Acid Number	DIN EN ISO 3682	≤ 0.02 mg KOH/g
Density @ 20°C	DIN 51757	0.99 - 1.00 g/ml
Viscosity @ 20°C	DIN 51562	3.6 - 4.4 cSt

Comments

Properties reported here are typical of average lots. Eastman makes no representation that the material in any particular shipment will conform exactly to the values given.

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