

We have the solution...

...the future has a name



Technical Information

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TURMOTHERM LMI

LUBCON- Heat Transfer Oil

TURMOTHERM LMI is a clear, physically safe fluid, which is applicable due to its composition as a thermal oil for the food grade sector in a temperature range of -15 °C up to +325 °C.

TURMOTHERM LMI stands for its excellent heat resistance and a slight tendency to oxidation. To avoid an early aging during operation on to high temperature range, we recommend to use a nitrogen overlap in a compensation plate.

TURMOTHERM LMI allows a non-corroding operating process and start-up without problems due to its high particle cleanliness value and the low water content.

TURMOTHERM LMI is produced by a special catalytic process using iso-paraffined hydrocarbon with an extreme low aromatic, sulphur and nitrogen content.

The condition for a long operating life is a painstaking concept of the plant and the observance of the recommended maximum movement and film temperature.

Technical Data

TURMOTHERM LMI

Density at +20 °C [g/cm ³]	0.839
Viscosity [mm ² /s] DIN 51562	
at +20 °C	84.0
at +40 °C	32.4
at +100 °C	5.8
at +300 °C	0.78
Flash point	
DIN ISO 2592 [°C]	+236
Pour point	
DIN ISO 3016 [°C]	-17
Surface boiling [°C]	378
Vapour pressure at +300 °C [bar]	0.06
Max. movement-temperature [°C]	+325
Max. film-temperature [°C]	+340

TURMOTHERM LMI is widely used for the heat regulation of extruders, calendar rolls also for waste heat of solar-energy and power plants.

Original Packaging

Drums of 203 l

The products are subject to severe controls of manufacture and comply in full with the specifications set forth by our company. Due to the multitude of different influencing factors, we cannot assume any warranty for the successful in each case. Therefore, we recommend to perform field tests. We strictly refuse any liability.