RENOLIN THERM 330 S
Synthetic Heat Transfer Fluid

Description

RENOLIN THERM 330 S is a synthetic heat transfer oil based on temperature-stable alkylbenzene for use in closed heat transfer systems. Selected additives improve the temperature and oxidation stability. The additives used in RENOLIN THERM 330 S also protect the system components from corrosion.

Application

RENOLIN THERM 330 S is optimal suited for use in the indirect heating of reactors, polymerization and distillation systems, processing machines and driers, as well as heat exchangers in processing systems, and in systems for heat recovery.
The heat transfer fluid is best used at temperatures ranging from 230 to 290 °C. The upper limit for use is an inlet temperature of 300 °C.
The film temperature should not exceed 320 °C.

Specifications

Heat transfer oil Q according to DIN 51522.

Advantages

- **High thermal stability**
- **Extremely low coking**
- **Wide application range**
- **Low residue formation, clean systems**
- **Selected synthetic components (narrow boiling range)**
- **Long service life**
- **Protects against corrosion**
- **Maximum film temperature: 320 °C**
- **Pumpable to – 7 °C**

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ISO/TS 16949, ISO 14001
BS OHSAS 18001, ISO 50001
Reg. Nr. 2476

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Typical chemical and physical properties:

Product name	**RENOLIN THERM 330 S**		
Properties	**Unit**		**Test method**
Initial boiling point at 1013 mbar	°C	320	ASTM D 1078
Pourpoint	°C	-60	DIN ISO 3016
Density at 15 °C	kg/m³	864	DIN 51757
Kinematic viscosity at 40 °C	mm²/s	21	DIN EN ISO 3104
Flash point	°C	> 190	DIN ISO 2592
Ignition temperature	°C	357	DIN 51794
Permissible inlet temperature	°C	300	-
Maximum film temperature	°C	320	-
Pumpability limit	°C	- 7	-

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Product Information

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