



Aral Farolin U

Thermal oil

Applications:

Aral Farolin U has proven itself effective in heat transfer systems, due to its specially selected base oils with a narrow fractionating cut. The thermal oil Aral Farolin U has a high thermal stability, favorable heat transfer parameters, high corrosion protection and a low pourpoint. Moreover, it has a high oxidation stability, a good liquidity even at low ambient temperatures, and behaves neutrally towards conventional machine materials. Aral has successfully submitted this product to the strict requirements of the high-quality standard DIN EN ISO 9001. This certification gives you an additional safety assurance with this products quality and the service that can be expected from Aral.

Operational area:

Aral Farolin U is best suited for heat transfer systems used in the chemistry, food, cement, rubber, metal, textile, wood and paper-industries. This product can also be used for room and air heating systems.

Technical Data

Density at 15 °C	g/ml	DIN 51757	0,870
Viscosity			
40 °C	mm ² /s	DIN 51562	31,7
200 °C	mm ² /s	DIN 51562	1,4
300 °C	mm ² /s	DIN 51562	0,7
Flash point PM	°C	DIN EN 22719	225
Pourpoint	°C	DIN ISO 3016	-15
Service temperature range	°C		-10 / +320
Service temperature range	°C		350
Film			
Specific heat capacity			
40 °C	kJ/kgK		1,996
200 °C	kJ/kgK		2,621
300 °C	kJ/kgK		3,021
Thermal conductivity			
40 °C	W/mK		0,132
200 °C	W/mK		0,120
300 °C	W/mK		0,113

Remarks:

Before the refilling of equipment, the entire system should be subjected to a thorough cleaning, since coke type deposits can never completely be prevented.

All data is subject to development for the product and the production process.

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