

Product information AVOL STREICHERT WTO_32



Description:

High performance heat transfer fluid is based on carefully selected highly refined mineral oils and resists oil cracking, oxidation and thickening. AVOL WTO_32 can be used in high temperature continuous heat transfer equipment with the following application limits: max. film temperature 320°C; max. bulk temperature 290°C.

Approvals and specifications:

ISO 6743-12 L-QC-32
ISO 3448 VG 32
DIN 51522-Q

Temperature, °C	Kin. Viscosity, mm ² /s	Density, g/ml	Specific heat capacity, kJ/kgK	Thermal conductivity, W/mK	Prandtl number
0	290	0,875	1,812	0,136	3462
50	20	0,844	1,994	0,133	254
100	5,1	0,811	2,176	0,129	69
200	1,4	0,746	2,541	0,122	20
300	0,65	0,682	2,906	0,115	11
320	0,58	0,574	2,968	0,112	10

Technical data:

Density at 20°C	0.862 g/ml EN ISO 3675
Viscosity at 40°C	30.1 mm ² /s EN ISO 3104
Viscosity at 100°C	5.1 mm ² /s EN ISO 3104
Viscosity at 200°C	1.4 mm ² /s EN ISO 3104
Pour point	-11°C ISO 3016
Flash point (COC)	222°C EN ISO 2592
Flash point (PMCC)	212°C EN ISO 2719
Initial boiling point	>330°C ISO 3405
Neutralisation value	<0,2 mg KOH/g ASTM D974
Ash (Oxide)	<0,01 % ISO 6245
Carbon Residue (Conradson)	<0,01 % ISO 10370
Copper Corrosion (3 hrs/1000C)	Class 1 ISO 2160

Our information is based on thorough research and may be considered reliable, although not legally binding.