



SUPRACAL 22

HEAT TRANSFER

PARAFFINIC MINERAL OIL

DESCRIPTION

SUPRACAL 22 is a high-quality oil for heat transfer and thermal regulation based on highly refined mineral oils.

APPLICATIONS

Highly refined mineral oil with paraffinic tendencies for heat transfer and thermal controls operating at temperatures up to 250°C.

SUPRACAL 22 can be used for dynamic circulation as well as static applications.

Thanks to its fluidity, **SUPRACAL 22** is suitable for :

- Installations operating in closed circuits up to 270 °C with an expansion chamber
- Thermoregulators

ADVANTAGES

- Based on highly refined mineral oils.
- High temperature and oxidation stability.
- Usage up to 270 °C in closed tanks.
- Excellent anti-rust, anticorrosion and anti-foam characteristics.
- Long service life without deposit formation or viscosity increase.
- Very low vapour pressure.
- Toxic-free.


TECHNICAL INFORMATION

TECHNICAL CHARACTERISTICS	UNITS	METHOD	SUPRACAL 22
Aspect	-		Clear
Color	-	Visual	Yellow
Density	-	ISO 12185	0,851
Viscosity at 40°C	mm ² /s	ASTM D445	21.9
Viscosity at 100°C	mm ² /s	ASTM D445	4.4
Viscosity index	-	ASTM D2270	110.0
Flash point	°C	ASTM D92	232.0
Pour point	°C	ASTM D97	-33.0
Operating range temperature	-		-15°C to +270°C
Aniline Point	°C	ASTM D611	112.6
Vapour pressure at 300°C	mbar		57.0
Specific heat at 40 °C	J/g.K	ASTM E 1269	2.4
Specific heat at 100°C	J/g.K	ASTM E 1269	2.5
Specific heat at 150 °C	J/g.K	ASTM E 1269	2.6
Specific heat at 250 °C	J/g.K	ASTM E 1269	2.9
Thermal conductivity at 20°C	W/m.K		0.1

These characteristics are given only for information and can be updated over time.

SERVICES AND EQUIPMENT

In addition to its product ranges, MotulTech can provide tools and services for the maintenance and monitoring of your lubricants. Please contact your technical sales representative for more information.



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