



## SUPRACAL 32

HEAT TRANSFER

MINERAL OIL

### DESCRIPTION

**SUPRACAL 32** is a special high-quality oils 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 32** can be used for dynamic circulation as well as static applications. Thanks to its fluidity, **SUPRACAL 32** 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 32
Aspect	-		Clear
Color	-	Visual	Yellow
Density	-	ISO 12185	0,866
Viscosity at 40°C	mm <sup>2</sup> /s	ASTM D445	30.4
Viscosity at 100°C	mm <sup>2</sup> /s	ASTM D445	5.3
Viscosity index	-	ASTM D2270	115.0
Flash point	°C	ASTM D92	216.0
Pour point	°C	ASTM D97	-21.0
Temperature range	-		-10°C to +270°C
Aniline Point	°C	ASTM D611	98.9
Vapour pressure at 300°C	mbar		54.0
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	2.7
Specific heat at 250 °C	J/g.K	ASTM E 1269	3.0
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.

**Important Notice**

All information and rules about health, safety and the environment are mentioned on the safety data sheet. It provides information about risks, safety procedures and first aid emergency rules. It clarifies all procedures to implement in the case of an accidental spillage, and for the disposal of the product and its effects on the environment. The safety data sheet is available on [www.motul.com](http://www.motul.com).

Our product contains natural additives which are likely to modify the colour of the concentrates without altering its performance. The specifications of our products are definite only at the time of order, and are subject to our general sale and guarantee conditions. To give our customers the latest technical developments, the general characteristics of our products may vary.