

## SUPRACAL 32

Special High-Quality Heat Transfer Oil

## MINERAL BASE

### DESCRIPTION

**SUPRACAL** are special high-quality oils for heat transfer and thermal regulation.

### BENEFITS

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

### PERFORMANCE DESCRIPTION

Due to its fluidity, **SUPRACAL 22** and **32** are suitable for:

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

**SUPRACAL 105** is used for open circuits and oil bath heaters at temperatures up to 200 °C.  
Recommended heating power: 1 W/cm<sup>2</sup> for convection and 3 to 4 W/cm<sup>2</sup> for circulation.

## TECHNICAL INFORMATION

NAME	METHOD	SUPRACAL 32
Density at 20°C (68°F)	NFT 60.101	0.852 kg/L
Viscosity at 40°C (104°F)	NFT 60.100	32.0 mm <sup>2</sup> /s
Viscosity at 100°C (212°F)	NFT 60.100	5.5 mm <sup>2</sup> /s
Viscosity Index	NFT 60.136	107.0
Flash point	NFT 60.118	224.0 °C
Pour point	NFT 60.118	-33.0 °C
Specific heat at 20 °C		
Temperature range		-10 °C to +270 °C
Aniline Point	NFM 01.021	--
Vapour Pressure		54.0 mbar at 300 °C

## 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.

## RECOMMENDATIONS

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.

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. The safety data sheet of this product is available at [www.motul.com](http://www.motul.com)