

# WACKER® AK 500 000 STAB

## Linear Silicone Fluids

WACKER® AK 500 000 STAB is a linear, non-reactive polydimethylsiloxane with a viscosity of approx. 500.000 mm<sup>2</sup>/s. It additionally contains a special heat stabilizer which protects the silicone fluid against thermal decomposition and viscosity change. Therefore, WACKER® AK 500 000 STAB is particularly suitable for applications that involve high temperature and/or shear stress.

## Properties

- Long-term heat stability
- Suitable for operation temperatures above 150 °C
- High shear stability
- Non-polar liquid
- Low solidification point
- Good dielectric properties
- High flash point
- Chemically inert

## Specific features

- Almost odorless
- Colorless
- Heat resistant
- High damping
- High viscosity
- Silicone Fluid

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	colourless, slightly cloudy	-
Content of volatiles	5 g   2 h   230 °C	< 0.8 wt. %	-
Density	23 °C	0.97 g/cm <sup>3</sup>	DIN EN ISO 2811-2
Viscosity, kinematic	25 °C	500000 mm <sup>2</sup> /s	DIN EN ISO 3219

These figures are only intended as a guide and should not be used in preparing specifications.

All the information provided is in accordance with the present state of our knowledge. Nonetheless, we disclaim any warranty or liability whatsoever and reserve the right, at any time, to effect technical alterations. The information provided, as well as the product's fitness for an intended application, should be checked by the buyer in preliminary trials. Contractual terms and conditions always take precedence. This disclaimer of warranty and liability also applies particularly in foreign countries with respect to third parties' rights.

## Applications

- Torsional Damping

## Application details

- Damping fluid for (torsional) vibration dampers
- Torque transfer fluid in general

## Packaging and storage

### Storage

Store in a dry and cool place.

The 'Best use before end' date of each batch is shown on the product label.

Storage beyond the date specified on the label does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.

## Safety notes

Comprehensive instructions are given in the corresponding Material Safety Data Sheets. They are available on request from WACKER subsidiaries or may be printed via WACKER web site <http://www.wacker.com>.

## QR Code WACKER® AK 500 000 STAB



**For technical, quality or product safety questions, please contact:**

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