

# WACKER® AK 100 000 STAB

## Linear Silicone Fluids

WACKER® AK 100 000 STAB is a linear, non-reactive polydimethylsiloxane with a viscosity of approx. 100.000 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 100 000 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

- Product Type: Silicone Fluid
- Resistance: Heat resistant
- Specific Features: Almost odorless
- Specific Features: Colorless
- Specific Features: Heat resistant
- Specific Features: High damping

## Technical data

### General Characteristics

Property	Condition	Value	Method
Appearance	-	colorless, slightly cloudy	-
Content of volatiles	5 g   2 h   230 °C	< 1.0 wt. %	-
Density	23 °C	approx. 0.97 g/cm <sup>3</sup>	DIN EN ISO 2811-1
Viscosity, kinematic	25 °C	100000 mm <sup>2</sup> /s	DIN 53019

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 for viscous clutches, viscous limited-slip differentials (LSD) and fan clutches

## 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 100 000 STAB



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

**Wacker Chemie AG**, Hanns-Seidel-Platz 4, 81737 Munich, Germany  
info@wacker.com, www.wacker.com

The data presented in this medium are in accordance with the present state of our knowledge but do not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this medium should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. The information provided by us does not absolve the user from the obligation of investigating the possibility of infringement of third parties' rights and, if necessary, clarifying the position. Recommendations for use do not constitute a warranty, either express or implied, of the fitness or suitability of the product for a particular purpose.