

# WACKER® L 057

## Functional Silicone Fluids

WACKER® L 057 is a 100%, water dispersible, hydrolytically stable polyether functional polydimethylsiloxane.

## Technical data

### General Characteristics

Property	Condition	Value	Method
Refractive index	25 °C	approx. 1.4440	DIN 51423
Appearance	-	yellowish to slightly brownish fluid	visual check
Cloud point (1% in water)	-	approx. 42 °C	DIN EN 1890; Method A
Cloud point (17 % in a 25 % aqueous solution of diethylene glycol monobutyl ether)	-	approx. 46 °C	DIN EN 1890; Method E
Density	25 °C	approx. 1.02 g/cm <sup>3</sup>	DIN 51757
Flash point	-	> 200 °C	ISO 2719
Ignition temperature	-	> 300 °C	EN 14522
Solubility (10% in ethanol)	25 °C	soluble	-
Solubility (10% in isopropyl myristate)	25 °C	soluble	-
Solubility (10% in paraffinum subliquidum)	25 °C	insoluble	-
Solubility (10% in water)	25 °C	dispersible	-
Viscosity, dynamic	25 °C	approx. 2300 mPa·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

- Chemical Industry

## Application details

### Application

WACKER® L 057 can be used in a wide range of applications such as textile industry, polishes, cleaners, and plastics industry. WACKER® L 057 exhibits both special lubricant properties and antistatic action.

WACKER® L 057 enhances the efficiency of paper deaerators, improves the drainage / deaerating in the paper process and works itself as a booster for defoamers above its cloud point.

### Processing

WACKER® L 057 can be easily dispersed in water. We recommend starting with water and then adding WACKER® L 057 while stirring continuously.

## Packaging and storage

### Storage

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® L 057



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

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