



## WaterTest Kit WTK400

### Description

The WaterTest Kit is used to determine the water content in volume percent in mineral and lubricating oils. Simply adding 2 reagents to the contaminated oil causes an increase in pressure in the measuring cell. This pressure increase is output via the digital display as water content in vol% or ppm.

Time per test: approx. 5 minutes only (excluding sample preparation)

### Advantages

- Measurement cell is easy to clean
- High resolution in the lower measurement range
- Button cell can be replaced
- Display is backlit
- The following display languages can be selected:
  - English (factory default setting)
  - German
  - Danish
  - French
  - Portuguese
  - Spanish

### Model code

	WTK 4 0 0
<b>Type</b> _____	
WTK = WaterTest Kit	
<b>Series</b> _____	
4 = Series	
<b>Option</b> _____	
0 = Standard	
<b>Modification number</b> _____	
0 = Standard	

### Technical details

Hydraulic data	
Permitted fluid	Mineral-oil based lubricating and hydraulic fluid
Permitted fluid temperature	70 °C maximum
Electrical data	
Voltage supply	Button cell, Type CR 2354
General data	
Measurement ranges, can be selected via display	0.01 ... 1%* 0.02 ... 10%* 100 ... 1500 ppm* 200 ... 6000 ppm* *) Measurement error < + 1.8 Vol % FS (FullScale)
Weight including transport case	2.7 kg
Weight including transport case	34 x 28 x 13.5 cm

### Items supplied:

- 1 x aluminium case (W 340mm x H 275mm x D 140mm)
- 1 x measurement cell
- 1 x bottle containing reagent A (500 ml)
- 25 x gel sachet containing reagent B
- 1 x measuring beaker (100 ml)
- 1 x plastic tweezers
- 3 x agitator (in plastic case)
- 10 x syringe 1 ml
- 3 x syringe 5 ml
- 1 x test kit cleaner (250 ml)
- 1 x operating and maintenance manual

Replacement pack, consisting of consumables sufficient for 50 tests, can be ordered separately.

**Note**

The information in this brochure relates to the operating conditions and applications described.

For applications and operating conditions not described, please contact the relevant technical department.

Subject to technical modifications.

**HYDAC FILTER SYSTEMS GMBH**  
Justus-von-Liebig-Straße  
**D-66280 Sulzbach / Saar**  
Tel.: +49 (0) 6897/509-01  
Fax: +49 (0) 6897/509-9046  
Internet: [www.hydac.com](http://www.hydac.com)  
E-Mail: [filtersystems@hydac.com](mailto:filtersystems@hydac.com)