

# LUBE OIL CHECK OS

## VARIO – Lube and Hydraulic Oil Test Kit for 5 different tests

The LUBE OIL CHECK OS includes a variety of test equipment designed for accurate and comprehensive assessment of lubricating and hydraulic oil condition directly on-site. A combination of quick and easy-to-perform tests enables users and engineers to measure water in oil content, alkalinity reserve (BN, formerly TBN) and viscosity value as well as to determine the degree of soot contamination in engine lube oil and the level of acid contamination in hydraulic oil. Regular on-site oil condition monitoring provides the possibility of trend analysis in order to effectively decide on further oil quality management and helps to remain confident about the efficient engine performance at any time.



The following test devices are included:

V 5108 TWIN CHECK  
 V 200 VISCOSITY COMPARATOR  
 V 310 SPOT CHECK  
 V 550 AN CHECK (contains hazardous goods)

### Features:

#### Parameters to measure

- Water in oil
  - Measuring range: 0-1.0 vol.% H<sub>2</sub>O
  - Measuring time: up to 20 min.
  - Accuracy: +/- 3%
- Base Number
  - Measuring range: 0 - 150 BN
  - Measuring time: up to 20 min.
  - Accuracy: +/- 1 BN
- Oil Viscosity
  - Measuring range: max. lube oil
  - Measuring time: about 3 min.
- Spot Test
  - Measuring range: all lube oils
  - Measuring time: about 15 min.
- Acid Number
  - Measuring range: 0-3 AN
  - Measuring time: about 3 min.
  - Accuracy: +/- 0.1 AN

### Benefits:

- Compact in size and easy to transport
- Accurate on-site oil analysis
- Quick and precise test results