

# LUBE OIL CHECK 4

## VARIO – Lube Oil Test Kit for 4 different tests

The test kit LUBE OIL CHECK 4 is specifically developed as a response to our customers' needs for the cost-efficient option of Martechnic's time-proven test kits LUBE OIL CHECK 5 and ALWAVIS CHECK to regularly measure four different oil parameters: **water concentration in oil, base number (BN), oil viscosity based on the go/no go principle and soot contamination.**

The LUBE OIL CHECK 4 is tailored to include all necessary testing equipment, reagents and accessories for routine analysis of lubricating oil condition. The optimal performance of modern engines fueled with low-emission or alternative fuels is highly dependent on the condition of a lubricating oil. In particular, the issue of soot-contaminated lubricants remains a significant factor which can negatively affect engine performance and cause rapid engine wear and/or failure if not detected in due time. A soot monitoring practice with a simple and quick SPOT TEST can help to determine the presence and degree of soot contamination, fuel dilution and remaining detergent-dispersive power of the lubricant in use.



### Features:

#### Parameters to measure

- Water in oil
  - Measuring range: 0-1.0 vol.% H<sub>2</sub>O
  - Measuring time: up to max. 20 min.
  - Accuracy: +/- 3%
- Base Number
  - Measuring range: 0 - 150 BN
  - Measuring time: up to max. 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 1 min.

The following test devices are included:

**V 5108 TWIN CHECK**  
**V 200 VISCOSITY COMPARATOR**  
**V 310 SPOT CHECK**

### Benefits:

- Tailored for customers' needs across various applications
- Excellent for routine oil condition analysis
- Trend analysis and effective preventive maintenance of engines
- Easy to use even for untrained personnel