COOLANT AND LUBE OIL TEST KIT

VARIO – Customized Test Kit for 8 different tests

The COOLANT AND LUBE OIL TEST KIT contains a special combination of tests required to measure various parameters of fluids and lubricants in the high performance engines. The high-speed engines are designed according to the principle of optimal performance within a limited space, and the regular monitoring of such properties as the content of water in oil, fresh water hardness, chlorides, pH value of fluids, viscosity, engine oil dispersing capability, antifreeze capacity and effectiveness of corrosion inhibitor can be regarded as essential in order to provide smooth and continuous functioning of the engines at high operating temperatures.

The following test equipment is included:

C 140 + C 240 WIO CHECK
V 200 VISCOSITY COMPARATOR
V 310 SPOT CHECK
C 730 TOTAL HARDNESS
C 750 INDICATOR PAPER pH 5-10
C 740 CHLORIDES DETERMINATION
(contains hazardous goods)
C 765 ANTIFREEZE TESTER
C 720 REFRACTOMETER

Features:

Parameters to measure

- Water-in-oil
  - Measuring range: 0 – 0.25 vol.% H_2O
  - Measuring time: up to 20 min.
  - Accuracy: +/- 3%

- Oil Viscosity
  - Measuring range: max. lube oil
  - Measuring time: about 3 min.

- Spot Test
  - Measuring range: all lube oils
  - Measuring time: about 1 min.

- Fresh Water Hardness
  - Measuring range: 0.2 - 20˚d / 10 - 360 mg/l $CaCO_3$
  - Measuring time: about 3 min.
  - Accuracy: +/- 0.2˚d

- pH Value
  - Measuring range: 5 – 10 pH
  - Measuring time: about 1 min.
  - Accuracy: +/- 0.5 pH

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- Chlorides
- Measuring range: 0 – 200 mg/l
- Measuring time: about 3 min.
- Accuracy: +/- 25 mg/l Cl

- Antifreeze
- Measuring range: frost line 0˚C to -50˚C
- Measuring time: about 1 min.
- Accuracy: +/- 1˚C

- Corrosion inhibitor
- Measuring range: 0 – 10 Brix
- Measuring time: about 1 min.

Benefits:

- Complete set of equipment necessary for engine oil and coolant tests
- Compact size, easy to transport
- Direct on-site, quick and accurate assessment of engine oil and coolant condition