

# Boardcare

**Boardcare portable test kit specially designed for the onboard testing applications**



## Contents:

Fresh and used oil viscosusness test comparator.  
Base number test reagents.  
Reagents for water determination in oil sample.  
Two in one test device for the accurate determination of Water content, Base number.

## Consumables:

# H00002 (50 tests)  
# H00010 (50 tests)

## Order# H00063

Viscosity is a crucial property for evaluating the lubrication quality of a fluid lubricant. The Boardcare viscosity test comparator employs a simple flow technique to instantly compare the viscosity of in-service oil with that of fresh oil of the same grade.

Water is a contaminant in oil. In small amounts, water remains suspended in the oil. When the water content exceeds the oil's ability to keep it in suspension, it separates out. The two-in-one Boardcare test device can detect water content in oil from 300 ppm onwards with good repeatability, comparable to the results of the ASTM D6304 procedure B method.

The base number (BN) is a significant property of engine lubricants. Knowing the correct BN value in engine oil helps in making appropriate corrective actions, such as whether to change the current oil, top-up with fresh oil, or optimize the feed rate. The two-in-one Boardcare test device has been extensively tested in labs and proven to provide accurate results.

Viscosity is an important property for assessing the lubrication quality of fluid lubricants. The Boardcare viscosity test comparator uses a simple flow technique to instantly compare the viscosity of in-service oil with that of fresh oil of the same grade.