



GulfCare Oil Test Kit

Portable test kit specially designed for the onboard testing applications

[Published in Mar 2023]



Contents:

- Base number test reagents.
- Reagents for water determination in oil sample.
- Two in one test device for the accurate determination of Water content and Base number.

Consumables:

- G00003 (Water test)
- G00010 (BN test)

In oil, water can act as a contaminant and may exist in a suspended state when present in small amounts. However, once the amount of water exceeds the oil's capacity to maintain it in suspension, it will separate from the oil.

The two-in-one GulfCare test device is capable of accurately testing for water content in oil starting from 300 parts per million (ppm) with good repeatability. Furthermore, its results are comparable to those obtained through the ASTM D6304 procedure B method.

Engine lubricants' base number (BN) is a crucial property, and knowing its correct

value can assist in taking appropriate corrective measures while onboard, such as determining whether to change the current oil charge or add fresh oil and optimizing the feed rate.

This device can also measure BN and it has demonstrated its BN measurement accuracy through comprehensive laboratory trials.