

Boardcare

Boardcare Iron-in-oil portable test kit



Contents:

Boardcare 2.0 test device | 1 unit

Boardcare 2.0 Reagent
Iron (reagent set, 50 tests) | 2 x 50 tests

Consumables:

H00052 (50 tests)

Order# H00055

When an engine operates under low load, cold corrosion can occur due to low exhaust temperatures, while hot corrosion results from high temperatures. Both types of corrosion can lead to liner wear. Regular testing of scavenge drain oil for iron content (wear metal) onboard helps in making informed decisions and taking appropriate actions to protect the engine from catastrophic damage.

Many owners have observed significant discrepancies between scavenge drain oil test results for iron content from shore labs and onboard tests. To address this issue, Boardcare has conducted extensive lab trials and developed a test procedure and photometer that provide consistent results both at shore labs and onboard. The Boardcare iron test methodology measures total iron, magnetizable iron, and non-magnetizable iron in scavenge drain oil samples. Differentiating between magnetizable and non-magnetizable iron content helps identify abrasive and corrosive wear in the engine.