

# Boardcare

## Boardcare Iron 2.0 Consumables



### Contents:

Reagent A/Releaser/Cleaner	250ml x 1 no
Boardcare Iron Reagent B	5g x 3 no
Boardcare Reagent 'B+'	250ml x 1 no
Boardcare Reagent 'C'	250ml x 1 no
Boardcare Reagent 'D'	300ml x 1 no
20ml Reaction Vial with Screw Cap	50 no
50ml Graduated measuring tube	1 no
120ml Plastic Empty Bottle	1 no
Syringe 1ml/5ml	50 no
Syringe 5ml	54 no
Syringe 10ml	2 no
Cuvette 1.5ml	50 no
Syringe Filter	50 no
Pasture pipette 3ml	5 no
Gloves	1 pkt

## Order# H00052

When an engine operates under low load, cold corrosion can occur due to low exhaust temperatures.

Conversely, 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.

Feedback from many owners indicated that the scavenge drain oil test results for iron content from shore labs and onboard tests were significantly different. To address this, Boardcare 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 determines the 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.