



TANDELTA



MOBILE OIL TESTER





MOBILE OIL TESTER OVERVIEW

The Mobile Oil Tester is the world's most advanced portable oil testing kit that enables accurate condition sample tests of any oil anywhere in seconds. From a small sample, advanced technology provides an instant readout of the oil's precise condition. The Mobile Oil Tester is an invaluable field or garage service and maintenance tool that helps to ensure your equipment operates reliably and efficiently. The Mobile Oil Tester will quickly pay for itself through extended service intervals and reduced break downs.

EQUIPMENT OWNER BENEFITS

- Reduce costly break downs
- Reduce service costs by extending intervals
- Maximise service team efficiency
- Identify potential problems before they arise
- Cost effective

SERVICE TEAM BENEFITS

- Quick and easy
- Tests any oil
- Designed for use in the field
- Instant diagnosis of potential problems
- Minimise time consuming external lab tests

HOW IT WORKS

The Mobile Oil Tester diagnostic process

Take Sample

Take a small sample oil using one of the bottles provided.



Connect Sensor

Connect sensor to a PC running the monitoring program & select oil type.



Attach Sample

Screw sensor to the bottle & turn upside down so oil covers the sensor node.



Take Reading

Oil condition statement provided in a clear, easy to understand format.



ADVANCED CORE TECHNOLOGY

The foundation of the Mobile Oil Tester is the Tan Delta OQS oil condition sensor. At the heart of the Tan Delta Oil Quality is our patented technology which provides an immediate and accurate view of the oil's current condition. Immediately upon contact with the target oil the sensor measures multiple independent elements of the oil, which are then compared and processed to provide an exceptionally accurate statement of oil condition. This accuracy and integrity is the hallmark of Tan Delta technology and products.

COMMON APPLICATIONS

The Mobile Oil Tester has been created to provide accurate oil testing in the field and can be used in any application where the use of oil is important to equipment reliability and efficiency.

SERVICE CENTRES

Make sure your equipment is operating with oil that is up to the job and reduce unnecessary wear and breakdowns.

ENGINE ROOMS

Take the guess work out of monitoring the state of oil in large engines such as ships.

MOBILE SERVICE CREWS

Ensure your equipment, from mobile generators, wind turbines to transformers, has the oil it needs to operate efficiently.



The world's most advanced portable oil testing kit

PRODUCT FEATURES

TRIAL KIT CONTENTS

Tan Delta Oil Quality Sensor
 6 x Sample Bottles & Adaptor
 USB Power Cable
 Sampling Software on USB Stick
 Oil Database
 Cleaning Solvent
 Instructions & Pelicase

DETECTION

Oxidisation
 Contamination – Water, Glycol, Fuel & Dirt
 TAN/TBN
 Viscosity Breakdown
 Wear Particles
 Soot
 Oil Temperature

STANDARDS COMPLIANCE

BS EN 60068-2-30 (Test Db – Cyclic Humidity)
 BS EN 60068-2-6 (Test Fc – Sine Vibration)
 BS EN 60068-2-27 (Test Ea – Mechanical Shock)
 EN 61000-6-4:2007
 (Generic Emissions Standard for Industrial Environments)
 EN 61000-6-2:2005
 (Generic Emissions Standard for Industrial Environments)

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