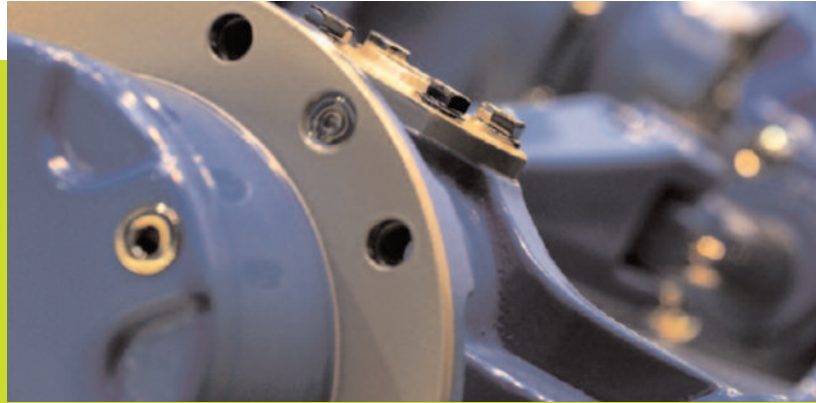




ROAM™

RAPID OIL ANALYSIS MONITOR

- Quick & easy to use providing instant, accurate diagnosis
- Tests any oil
- Designed for use in the field
- Reduce costs and production loss due to equipment downtime
- Identify potential problems before they arise
- High value asset protection



The World's most accurate portable oil analysis monitor



ROAM OVERVIEW

The **ROAM** (Rapid Oil Analysis Module) tester is the world's most advanced portable oil testing kit, and enables accurate condition sample tests of any oil anywhere in seconds. From a small sample, advanced technology provides an instant readout of the oils' precise condition. The **ROAM** tester is an invaluable field or garage service and maintenance tool that helps to ensure your equipment operates reliably and efficiently. The **ROAM** tester will quickly provide a return on your investment through extended service, reduced equipment downtime and prevent the loss of key assets.



EQUIPMENT OWNER BENEFITS

- Reduce costly break downs
- Reduce service costs by extending intervals
- Maximise service team efficiency
- Identify potential issues before they arise
- Cost effective
- Increased peace of mind

SERVICE TEAM BENEFITS

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

How it works mobile diagnostic process

Take Sample

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

Connect Sensor

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

Attach Sample

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

Take Reading

Oil condition statement provided on the PC in a clear, easy to understand format

ADVANCED CORE TECHNOLOGY

At the heart of the **ROAM** tester is patented oil condition sensor 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 the **ROAM** tester.



COMMON APPLICATIONS

The **ROAM** 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 ensure the reliability and efficiency of plant & equipment, reducing expensive down-time.

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 and generators, such as in ships.

MOBILE SERVICE CREWS

Ensure your equipment, from mobile generators, wind turbines to transformers have the quality of oil they need to operate efficiently.

ROAM KIT CONTENTS

Patented oil condition sensor
6 x Sample Bottles & Adaptor
USB Power Cable
Sampling Software on USB Stick
Oil Database
Cleaning Solvent* (* only supplied in the UK)
Instructions & Peli Case
Bespoke kits available on request

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)



Performance Engineered Solutions reserves the right to alter any of the specifications contained in this brochure without notice.

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