

LubInsight Tech'Care

A truly portable mini laboratory for lubricant analysis that delivers simplicity and performance.

LubInsight Tech'Care is a stand-alone solution designed for monitoring the main characteristics of any lubricant.



APPLICATIONS

Rapid onboard test kit that indicates:

- Residual BN
- Water content
- Viscosity
- Sea water presence
- Carbon matters content
- Residual detergent and dispersant capacity

This kit contains all the necessary equipment and reagents needed for 50 tests, in addition to the sea water presence for 30 tests.

FEATURES

Applicable to any lubricant of the market.

The rapid oil test gauge provides accurate and repeatable measurement of BN and water content within 3 minutes.

User-friendly design makes the test kit easy to handle.

Local memory for up to 1,000 tests downloadable by an in-built USB port.

Uses non-hazardous chemicals, meaning no hazard to health and no restrictions for transportation, including air transportation.

Replenishments and kit items can be delivered to any port, world-wide.

CUSTOMER BENEFITS

- ✓ Rapid, robust and easy-to-use onboard test kit for use in marine applications.
- ✓ The kit is easy to operate and can be used effectively by any non-specialized operator.
- ✓ Our detailed and easy-to-use testing guide helps the operator to deliver fast, and accurate rapid testing.
- ✓ By following the instructions and interpretation of the user guide, the operator can make immediate decisions for maintaining the equipment and optimizing its lifespan.

TECHNICAL DESCRIPTION					
TEST	UNITS	MEASURING RANGE	ACCURACY	RESOLUTION	TEST TIME
Water content	%H ₂ O	0 to 1.5	± 0.05	0.05	3 min
Alkaline BN reserve	mg KOH/g	0 to 140	± 8%	1	3 min
Viscosity	—	Critically low • Too low • OK • Too high • Critically high			< 1 min
Sea water presence	—	OK • Too high			10 min
Carbon matters content	%	< 0.2 • 0.2 to 0.6 • 0.6 to 1 • 1 to 1.5 • 1.5 to 2 • > 2			2h (unattended)
Residual detergent and dispersant capacity	—	OK • Too low • Critically low			2h (unattended)

PART CODE	PRODUCT	DESCRIPTION
CONTENT		
TC7008	LubInsight Tech'Care	True portable lubricant analysis mini laboratory
BN2111	BN + Water content tester	Test gauge for water content and residual BN tests
VT5100	Viscotest	Viscosity comparison between used and fresh oils
RC3300	Spare pack for sea water test	Pack for 30 tests
PP7103	Spare pack for water and BN test	Pack for 50 tests
ET4102	Spare pack for carbon matters, detergent and dispersant capacity	Pack for 50 tests
ADDITIONAL CONTENT		
TC9006	LubInsight Iron	Total iron content test kit
TC9006/TC5002	LubInsight Cylinder	Combined total iron content and residual BN test kits
TC4001	LubInsight Coolant	Portable cooling fluid test kit

Lubmarine Used Oil Analysis Solutions Suite

