

LubInsight Tech'Care neo

A truly portable, mini laboratory for lubricants.
Delivering simplicity, and performance, fully
connected to share data with all stakeholders.



APPLICATIONS

A rapid onboard test kit to indicate:

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

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

FEATURES

Applicable to any lubricant on the market.

The test module is controlled by LubInsight Pad neo.

Accurate results including lubricant condition evaluation and alarm levels tailored to suit any lubricant.

BN and Water Content test results are delivered within 3 minutes.

Local memory, able to store up to 2,500 results in offline mode.

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, reliable, and repeatable onboard test kit to support fast decision making for maintenance on site.
- ✓ The operator receives on screen guided step-by-step procedures with the LubInsight Pad neo to ensure optimal use, every time.
- ✓ Built in automatic stirrer means no shaking of the test flask is required.
- ✓ For the most complete and seamless user experience, from sampling operation to used oil monitoring, connect the solution to LubInsight Tag Scanner neo.
- ✓ The data is synchronized and accessible on a dedicated customer portal, and consolidated with laboratory analyses for a better follow-up and improved decision-making process.



TECHNICAL DESCRIPTION					
TEST	UNITS	MEASURING RANGE	ACCURACY	RESOLUTION	TEST TIME
Water content	%H ₂ O	0 to 1.5	± 0.01	0.01	3 min
Alkaline BN reserve	mg KOH/g	0 to 140	± 1	0.1	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		
TC6001	LubInsight Pad neo	Monitoring console of the LubInsight neo range
TC6002	LubInsight Tech'Care neo	Advanced portable lubricant analysis mini laboratory
BN2113	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 & dispersant capacity	Pack for 50 tests
ADDITIONAL CONTENT		
TR5001	LubInsight Tag Scanner neo and Tag Kit neo	Digital sampling solution

Lubmarine Used Oil Analysis Solutions Suite

