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Your Oil is **Talking...**
.....Are You **Listening?**



Oil is the "lifeblood" of your machines, and through **effective Oil Analysis program** you can;

1

Identify Problems
Before They Become
Catastrophic Failures

2

Maximize
Asset
Reliability

3

Extend
Equipment
Life

4

Save Money on
Maintenance
Costs

- Improved Visibility leads to **Improved Reliability...**
- Visibility of the Oil condition, gives you opportunity to manage the health of your machine.
- 'Onsite Oil Analysis' leads to **Detect The Problems Early**, preventing machinery failures through better awareness and timely mitigation to restore the health of your assets.
- Simple, Fast and Reliable Onsite oil analysis should be an integral part of any plant maintenance program.**
- Onsite oil analysis kits can detect **Oil Condition, Contamination Condition and Machine Condition**. Valuable information like these helps plant personnel extend equipment service life and intervals between oil changes, reducing waste oil, maintenance and oil purchase costs.
- A good Onsite Oil analysis program has an enormous **Cost Saving** potential.

LubeSpy ALS-1200

Portable Oil Analyzer

Is equipped with a 5-inch touch screen display, a rechargeable lithium battery supports 4 hours of work, heating device for oil viscosity measurement at 40°C to 100°C. Dip the sensor in oil sample and get six (06) Oil parameters measured immediately. Portable suitcase, user-friendly, convenient and easy to operate. A must tool for onsite oil analysis for improving machinery reliability by avoiding failures.

ATS-6101 (Oil Sensor)



Features:

Test Time:	Six (06) Oil parameters within 15 seconds
Oil Sample Volume:	≥10ml
Test Parameters:	Viscosity: 1~500cSt; Accuracy: ±5% Density: 600~1250kg/m ³ ; Accuracy: ±2% Oil Quality (Dielectric constant): 1-6 level; Accuracy: ±5% Temperature: 0~100°C; Accuracy: ±0.5°C Water activity (AW): 0~1 aw; Accuracy: ±0.03 aw Moisture content (Optional): 0-2000 ppm; Accuracy: ±10% or 10ppm
Working Hours:	Built-in batteries for 3~4 hours working
Built-in Printer:	Convenient print to test report
RS232 Port:	Modbus RTU communication protocol
USB Port:	Export test records, software update
Storage:	32G memory, can store 100K records
Power Supply:	DC 25.2V, 2A
Dimension:	387*289*104 mm
Weight:	3KG

Whole set includes **Test Device + ATS-6101 Sensor** with cables + Heating device from room temperature to 100°C + oil sample tank for sampling oils and testing.

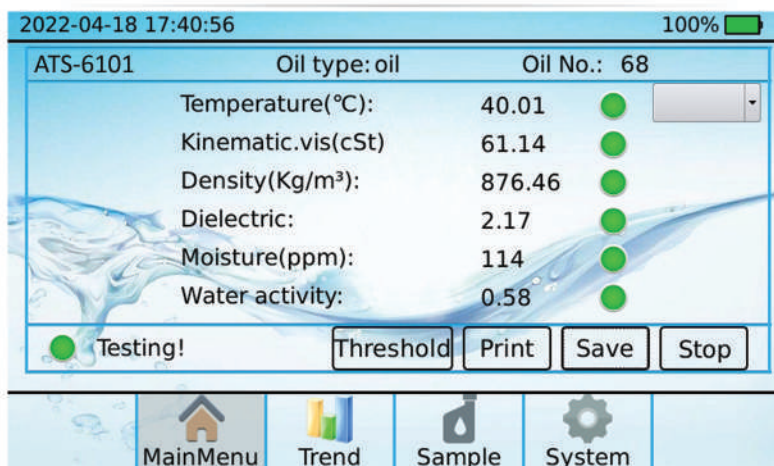
By comparison of '**Used Oil**' Sample with a '**New Oil**', it is easy to identify problems associated with oil contamination, viscosity, density, temperature and dielectric constant etc.

LubeSpy ALS-1200

Portable Oil Analyzer

Test Results

On-site printing USB Export
PC Connection



```
Test report
*****
ATS-6101
*****
Oil type: oil
Oil No.: 68
*****
Temperature: 40.01 °C
Kinematic.vis.: 61.14 cSt
Density: 876.46 kg/m³
Dielectric.con: 2.17
Moisture: 114 ppm
Water activity: 0.58
*****
Test result: Pass
Time: 2022-04-18 17:40:56
```



Typical Applications

- Predictative Maintenance & On-site Engineering Service
- Hydraulic Equipment & System Manufacturers
- Military Equipment Applications
- Research & Testing Institutes
- Offshore & Power Generation
- Construction Machinery
- Industrial plant
- Marine

For more details on this product:
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