



## Foundational Well Management Testing Done the OLA Way

Crude oil analysis provides our customers with a solid overview of the composition of their oil and informs them of potential issues and challenges they may encounter. This routine-yet-essential analysis is part of good well management and should be performed both on producing wells and wells newly brought online, at annual intervals. However, in some special cases, quarterly—or more frequent—testing may be required.

## Testing With OLA is Unbiased, Transparent, and Insightful

- OLA field technicians go on-site to collect samples from *multiple sampling points*, in accordance with industry standards and best practices, to source accurate and objective data.
- OLA utilizes high quality equipment and best-in-class instruments to perform tests traditionally done by hand. This provides our clients with the most accurate data to promote good decision-making.

**OLA is the only commercial performance laboratory in the industry with ANAB ISO-17025 accreditation, providing our clients assurance of accuracy and impartiality.**

## Performance Testing

**Cold Finger – OLA utilizes best-in-class technology**  
PSL Systemtechnik Cold Finger

**Cold Flask/Hot Flask:**  
Paraffin Dispersant

**Paraffin Solvency Testing**

## OLA's Complete Oil Analysis includes 5 different tests:



### Cloud Point (WAT)

Cloud Point identifies the exact temperature at which wax crystals begin to appear in crude oil. OLA utilizes Cross Polarization Microscopy for this analysis.



### Pour Point

Pour Point analysis is designed to identify the temperature at which oil loses its ability to flow freely and becomes a fully viscous, nearly solid material. OLA utilizes equipment containing an Optic sensor that can distinguish minute differences in the flowability of the oil, which eliminates potential human errors.



### API Gravity

This test determines the sellability of oil, and is performed at OLA via Anton Paar Density Meter DMA 4200 M.



### % Paraffin

Using gravimetric analysis, OLA extracts, purifies, and measures the amount of paraffin present within a crude oil sample.



### % Asphaltenes & Filterable Solids

OLA creates a change in a crude oil sample, forcing inherently unstable asphaltenes out of the oil. These are then measured gravimetrically and separated from non-hydrocarbon solids.



## An Eye on ESG

Crude oil analysis allows our clients to better quantify and qualify their oil composition, assisting with contaminant removal and efficiency gains. This directly benefits ESG initiatives.

## Ready To Get Started?

Contact us to learn more about our full line of services for your organization.