

FAST ACCESS TO VITAL QUALITY DATA OF CRUDE OIL

Interpret is a suite of software tools originating from the need to provide faster client data for Refineries.



FAST ACCESS TO VITAL QUALITY AND QUANTITY CRUDE DATA



Intertek Interpret provides clients with rapid access to vital data required to make informed decisions on product quality, thus saving time and cost whilst maximizing output.

"The breadth of Intertek's expertise, technology and engagement, means that Interpret offers us the process engineering and optimization capabilities we are looking for. Fast turnaround time gives me the ability to make rapid and informed decisions."

Interpret can be tailored to fit the supply chain needs.

As the global energy demand increases, so does the need to ensure complex hydrocarbon such as crude oil are accurately characterized and effectively utilized.

Interpret combines Intertek's global modeling expertise, technically advanced software and a vast crude oil database to empower our clients with real-time, traceable insight on crude oil compositions.

Applied online, at-line and offline across the globe, both as a licensed product as well as within Intertek laboratories to enhance local operations and deliver a competitive edge.

Traditional laboratory analysis can take hours or even days; however, Near Infrared (NIR) spectroscopy takes minutes, generating predicted properties that directly impact product value.

Intertek's chemometric package uses advanced spectrum analysis, combined with proprietary, state-of-the-art modeling with our vast crude oil database, to produce fast and accurate properties and empower our clients with real-time, traceable insight on crude oil compositions.

With the continued increase in the use of opportunity oils, there has never been a greater need for the fullest understanding of the quality of every crude delivery. While it is important to maintain assay data, carrying out full suites of laboratory tests on every crude delivery would be a costly and impractical exercise.

Interpret InFlow is our proprietary approach for assessing Compatibility and Stability of crude oil blends which helps to avoid solid precipitation, refinery fouling, and expensive process shutdown and cleanup.

From exploration and production to primary logistics, refining, retail and beyond, Intertek Interpret gives you confidence and peace of mind throughout your entire supply chain by delivering quick and reliable information you need to make informed operational decisions.

Key Features, Functions & Benefits

- Crude Oil Characterization — Intertek's proprietary database includes more than 1700 physical crude oil assays
- Compatibility & Stability – Intertek's proprietary technology provides blending risk data
- Real-time data — what takes days with traditional analysis methods now take minutes
- Customization — fits your specific needs for functionality, data output, etc. and can be deployed online, at-line or in the laboratory
- Software deployment — fully functional within a laboratory environment or onsite at a processing facility

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EXPLORATION PRODUCTION

Allocation of
co-mingled crude
BENEFIT: SPEED

PRIMARY LOGISTICS

Online monitoring of
pipeline fluids
**BENEFIT:
RAPID ASSESSMENTS**



REFINERY AND REFINED PRODUCTS

Alternative to traditional
assay for optimization of
crude and refined products
**BENEFIT: SPEED, MORE DATA,
CAN BE TAKEN ONLINE**

SECONDARY LOGISTICS

Online monitoring of
pipeline fluids
**BENEFIT:
RAPID ASSESSMENTS**



RETAIL MARKETS

Added value for
traders and refiners
BENEFIT: MORE DATA

DERIVED PRODUCT (CHEMICALS, ...)

Process control and
optimization
**BENEFIT:
FASTER ANALYSIS,
CAN BE USED ONLINE**