intertek
interpret™

FACT SHEET

INTERTEK INTERPRET
ACCELERATED INSIGHT

Cutting-edge, supply chain software

Faced with using time-consuming conventional methods to measure specific hydrocarbon attributes, oil and gas clients are looking for innovative solutions to help them improve efficiency and data accuracy during hydrocarbon refining. With Interpret, Intertek delivers a global, dynamic solution for faster, real-time data giving greater process insight.

Intertek Interpret

As the global energy demand increases so does the need to ensure complex hydrocarbon compounds are accurately analysed and effectively utilised.

Within production and refining environments, composition measurement data as well as characterisation analysis and evaluation are critical for oil and gas clients as they seek to increase productivity, reduce operating and production costs and ultimately grow profits.

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

Intertek is the only company in the world that combines global modelling expertise, technically advanced software and a vast crude oil database to empower our clients with real-time, traceable insight on crude oil compositions.

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 quickly delivering the information you need to make informed operational decisions.

Key Features, Functions & Benefits

Crude oil database — Intertek's proprietary database includes more than 1500 physical crude oil properties

Real-time data — what might take days with traditional analysis methods can now take only minutes

Customisation — 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

InBlend — Intertek's online non-linear chemometrics analysis package uses advanced spectrum analysis, combined with state-of-the-art topological modelling, to produce fast and accurate date for measuring the properties of hydrocarbon streams.

InProcess — Our big data analytics software package breaks down and analyses large datasets consisting of millions of data points to provide easy-to-use information.

Applications include, but are not limited to, maximizing refinery diesel fraction and offshore process troubleshooting.

InFlow — Our proprietary approach for assessing deposition of wax and asphaltene in blended crude oils has been applied to blending activities for refinery crude, heavy fuel oil and marine fuel.

Industry Diversification

Clients in many other industries have a need for the accelerate insight delivered through Intertek's unique solution. Interpret can easily be tailored to fit the supply chain needs of clients in industries such as food, agriculture and pharmaceuticals.

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

FOR MORE INFORMATION

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