CASE STUDY: CRUDE ASSAY

SECTOR: OIL AND GAS (COMMERCIAL)
INDUSTRY: ENERGY

BACKGROUND

IPL provides an extensive range of technical crude oil services to the oil and gas (explorer and producers), traders and refining industry. IPL has two Fischer distillation units, a Flash Assay or Rapid Yield Assay unit and an Autodest 800/860 AC unit which allows for physical distillation of a crude to a maximum temperature of 565°C. As a petrochemical specialist testing lab, IPL also offers a comprehensive range of crude oil associated analysis.

CHALLENGES

- One of our O&G customer required a Crude Assay for their commercial department.
- They were seeking local expertise to benefit from a faster turn-around time and reduced freight cost.
- IPL’s testing offer needed to include for the provision of data that would enable the commercial team to market and sell their crude.
SOLUTION

Provision of Crude Assay analysis enabled us to better cover the range of testing expertise required by the local O&G industry. Our experienced staff provided the required information on the crude’s quality and composition which helped our customer get an indication of the types of petroleum products that will be obtained from the refined product.

An interim report was provided within two weeks and a final report was issued within four weeks of sample receipt.

IPL offers a comprehensive testing matrix to determine the different cuts properties (over 35 test methods). In addition, many of our test methods on the cuts are ISO 17025 accredited. As an IANZ ISO 17025 accredited lab, quality processes are in place to ensure excellence at every phase of the testing cycle.

RESULTS

• Built a working relationship with IPL’s Crude Assay specialists
• Data provided helped find an appropriate market for the crude
• Increased knowledge of local crude composition and properties
• Assurance around potential yield and quality of the product provided
• Assurance of results provided due to ISO 17025 accreditation processes in place

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“AS THE ONLY COMPANY IN NEW ZEALAND OFFERING CRUDE ASSAY TESTING, THIS TRANSLATED IN ADDITIONAL EFFICIENCIES IN TERMS OF COSTS AND TURN-AROUND TIME.”