Petroleum Testing Services

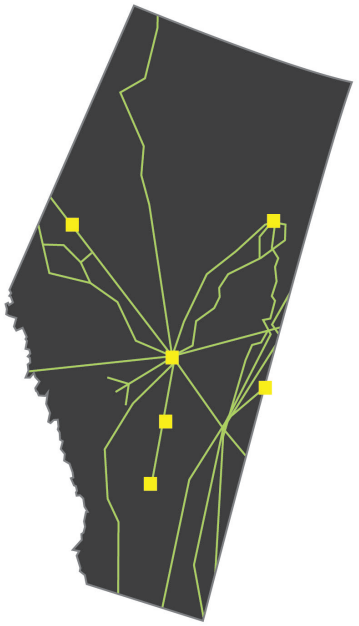
AGAT Laboratories

Crude Oil Quality Specification Laboratory in Edmonton

AGAT Laboratories' petroleum testing facility in Edmonton was built to service both the upstream and midstream sectors of Alberta. This laboratory has been designed to meet the growing demands of transporting dangerous goods requiring SDS sheets (as per Transportation Canada's Directive 031). All methods are done in conjunction with the efforts of the Canadian Crude Quality Technical Association (CCQTA) in ensuring the best methods are chosen for the correct applications.

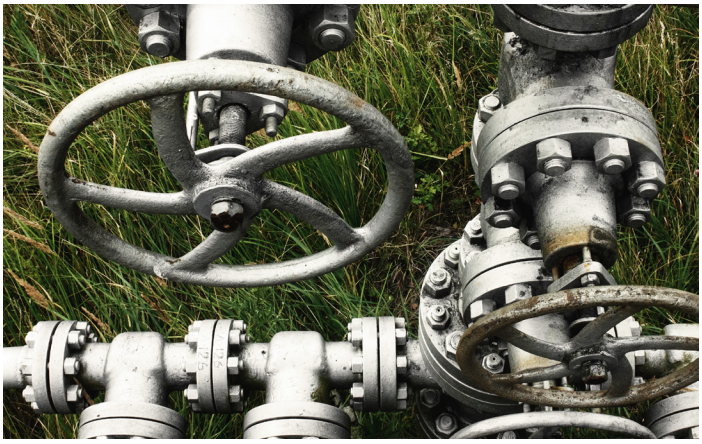
The primary feature of this laboratory is the inclusion of state-of-the-art instrumentation. AGAT Laboratories has researched and invested into the most up to date, and advanced instrumentation commercially available. Examples of this include Olefins by Nuclear Magnetic Resonance (NMR), Trace Mercury in Oil, and Metals in Crude Oil by Inductively Coupled Plasma – Optical Emission Spectroscopy (ICP-OES). Additionally, AGAT Laboratories proudly hosts automation for its distillation apparatuses, brand new instrumentation for accurate TVP analyses, and proven techniques for reliable Organic Chlorides Content in Crude Oil (ASTM D4929).

AGAT is accredited to ISO/IEC 17025 standards for specific parameters as listed in our scope of accreditation by the Canadian Association for Laboratory Accreditation (CALA). AGAT Laboratories' robust lab network is prepared to handle both high volumes of samples, as well as short turnaround times. Your samples are handled with the utmost care and attention by our experienced staff, providing correct results the first time.



Legend

- AGAT Laboratories' Location
- Crude Oil Pipelines



With oilfield experience since 1979, AGAT Laboratories is your turn-key solution for bringing your assets into production and off to market. Contact us to book a tour of one of our Petroleum Testing Facilities today.

Analyses:

- Base Sediment & Water (BS&W)
- Carbon, Hydrogen, Nitrogen, and Oxygen Determination
- Cloud Point
- Density
- Distillation (ASTM D86)
- Dry Vapor Pressure Equivalent (DVPE)
- Flash Point - Pensky Martens Closed Cup
- H2S and Mercaptans in Crude Oil
- Micro Carbon Residue
- Pour Point
- Reid Vapor Pressure (RVP)
- Salt in Crude Oil
- Sediment in Oils by Extraction or Membrane Filtration
- Simulated Distilation by HTGC & LTGC
- Sulphur by X-Ray, UV, and Combustion
- Total Acid Number
- Trace Mercury in Oil
- Trace Metals in Crude Oil
- Trace Sulpher by GC /SCD
- True Vapor Pressure (TVP)
- Viscosity
- Volatile Organic Phosphorus

For more information please contact info@agatlabs.com