



From data to solutions • Subsurface Evaluations • Laboratory Services • Recruitment Services

PVT Analysis

PVT services:

- Fluid composition
- Constant mass expansion
- Differential liberation
- Constant volume depletion
- Separator tests
- Viscosity and density measurements

The days of easy oil production are over. At present, oil has to be recovered from deeper reservoirs and is increasingly harder to produce and refine. Quality information about reservoir fluids is needed to save time and money and to improve recovery. Therefore PVT analysis is becoming more important than ever.

PanTerra mercury free PVT laboratory is supplied with state-of-the-art equipment in combination with the latest measurement and interpretation techniques and is capable of handling all types of reservoir fluids, from heavy oils to dry gases. Reservoir conditions up to 200°C and 1000 bar pressure can be simulated.

Our PVT equipment is highly automated and almost operator free. The output data is filtered through consecutive stages of validation and presented in a format directly usable in reservoir description software packages.

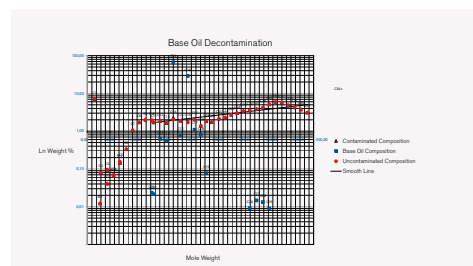
Customised tests can also be carried out upon request with the aim to provide a comprehensive reservoir fluid description in line with our clients' expectations.



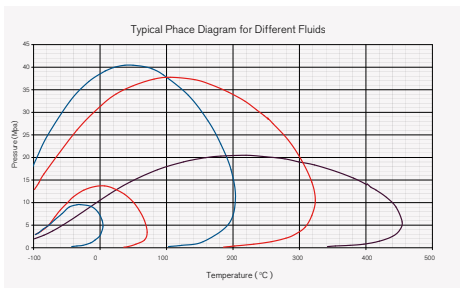
GC sample preparation



GC samples



Base oil decontamination



Typical phase diagram for different fluids

