

Fluids

Geothermal capabilities

Fluids Capabilities in Geothermal Market

Geothermal plants require careful management to prevent issues such as scaling, corrosion and environmental release causing operational problems.

Comprehensive fluids composition combined with powerful modelling tools provides sophisticated simulations of scaling potential and flow assurance issues, from reservoir to topside. Early prediction and identification allows mitigation measures to be put in place before problems develop.

Expro Fluids offers a fully integrated package of reservoir and process fluid flow measurement, sampling and analysis services.

Laboratory analysis

- PVT analysis including sample validation, bubble point and GWR
- Gas composition to C10+ including helium, hydrogen, argon
- Isotope analysis
- Extended water analysis to include:
 - o Full ionic composition by IC, IEC and ICP
 - o Environmental parameters such as pesticides, volatile organic compounds, colour, taste
 - o Radionuclides / isotopes
 - o Bacteriological analysis
- Additional analysis services available on request

MultiScale

- Simulation software for modelling scale formation
- Capable of predicting scaling potential from reservoir to topside
- Simulations up to 1000bar and 300°C
- Covers range of scaling minerals

Note: Other sizes, configurations and pressure ratings are available to meet most applications, for more information contact your local Expro representative or email fluids@exprogroup.com

