

Fluid @model

Synonym: [Fluid @model](#) = [PVT @model](#)

The ultimate part of [PVT study](#) is responsible for predicting [dynamic fluid properties](#) at various temperature and pressure based on the [laboratory tests](#) of available [fluid samples](#).

The [fluids](#) may vary from simple (like [water](#) or [methane](#)) to multi-[component](#) and multi-[phase](#) (like [live oil](#)) and assumed to be in [thermodynamic equilibrium](#).

Below is the list of the most popular categories of [fluid models](#):

Abbreviation	Description	Components
COMP / EOS	Compositional fluid model (also called Equation of State)	Water , alkanes components , minor organic and inorganic chemical substances
MBO / VO	Modified Black Oil (also called Volatile Oil)	Water , dead oil with solution gas , natural gas with volatile oil
BO	Black Oil	Water , dead oil with solution gas , natural gas
DO	Dead Oil (also called Degasated Oil)	Dead oil
GAS	Dry Gas	Natural gas
WAT	Water	Water

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Fluid Analysis](#)

[[Dynamic fluid properties](#)]