

# Slightly Compressible Flow

[Reservoir flow](#) with constant [total compressibility](#):  $c_t(p) = c_t = \text{const}$

Not to be confused with [Slightly Compressible Fluid](#) since [Reservoir flow](#) depends both on [Fluid Compressibility](#)  $c_r$  and [Pore Compressibility](#)  $c_f$ :

$$(1) \quad c_t = c_r + c_f$$

and thus can have non-zero [compressibility](#) even for [incompressible fluids](#).

It is one of the popular concepts in [Pressure Diffusion modelling](#).

## See also

---

[Physics](#) / [Fluid Dynamics](#) / [Percolation](#)

[ [Slightly Compressible Fluid](#) ] [ [Pressure Diffusion @model](#) ]