

# Fluid Conductivity

@wikipedia

Electrical conductivity of the fluid.

<b>Math Symbol</b>	$\sigma_f$		
<b>Model</b>	Fluid Conductivity & Resistivity @model		
<b>Units</b>	<b>SI</b>	<b>Oil Metric</b>	<b>Oil Field</b>
	S / m	S / m	S / m

Inverse to Fluid Resistivity  $\rho_f$ :  $\sigma_f = \rho_f^{-1}$ .

## See also

---

Natural Science / Physics / State of matter / Fluid

Petroleum Industry / Upstream / Subsurface E&P Disciplines / Fluid Analysis

[ [Fluid Resistivity](#) ]