
Glycerin properties:

- Viscosity

$$\mu(T) = 0,00159T^4 - 0,27101T^3 + 17,72T^2 - 540,90T + 6780,11$$

where μ is the dynamic viscosity in cP and T is the temperature in $^{\circ}C$.

- Density

$$\rho(T) = -0,6T + 1259,5$$

where ρ is the dynamic viscosity in kg/m^3 and T is the temperature in $^{\circ}C$.

Diluted Glycerin properties:

- Viscosity

$$\mu(T) = 0,000108T^4 - 0,01832T^3 + 1,2075T^2 - 38,313T + 535,33$$

where μ is the dynamic viscosity in cP and T is the temperature in $^{\circ}C$.

- Density

$$\rho(T) = -0,1657T + 1223,6$$

where ρ is the dynamic viscosity in kg/m^3 and T is the temperature in $^{\circ}C$.