

How to Convert Mole to Wt. to L.V.

Mole% to Weight%

Mole % x Molecular Weight = Fraction

$\frac{\text{Fraction}}{\text{Fraction Total}} \times 100 = \text{Weight \%}$

Weight% to Mole%

$\frac{\text{Weight\%}}{\text{Molecular weight}} \times 100 = \text{Fraction}$

$\frac{\text{Fraction}}{\text{Fraction Total}} \times 100 = \text{Mole\%}$

Liquid Volume % to Mole%

$\frac{\text{LV \%} \times \text{Lb/gal} \times 454}{\text{Molecular weight}} = \text{Fraction}$

$\frac{\text{Fraction}}{\text{Fraction Total}} \times 100 = \text{Mole \%}$

Mole % to Liquid Volume %

$\frac{\text{Mole\%} \times \text{Molecular Weight}}{454}$
----- = Fraction
Lb/Gal

$\frac{\text{Fraction}}{\text{Fraction Total}} \times 100 = \text{Liquid Volume}$

