

## 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 %

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

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

### 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

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

