



# ENGINEERING CALCULATIONS

## Fluid Density Weight-Up

$$(W_2 - W_1) \div (H - W_1) = X$$

Where:

$W_1$	=	initial density (lb/gal)
$W_2$	=	desired density (lb/gal)
$H$	=	high density fluid (lb/gal)
$X$	=	fraction of cut-back fluid needed