**Dilution**

**Mud weight reduction with water**

Sample Case : Determine the number of barrels of water weighting 8.33 ppg

(DW) required to reduce 100 bbl (V1) of 14.0 ppg (W1) to 12.0

ppg (W2):

**Mud weight reduction with diesel oil**

Sample Case : Determine the number of barrels of diesel weighing 7.0 ppg

(DW) required to reduce 100 bbl (V1) of 14.0 ppg (W1) mud to

12.0 ppg (W2):