Correct Volumes[©] computer program
corrects crude oil volumes to API Gravity at 60º F.
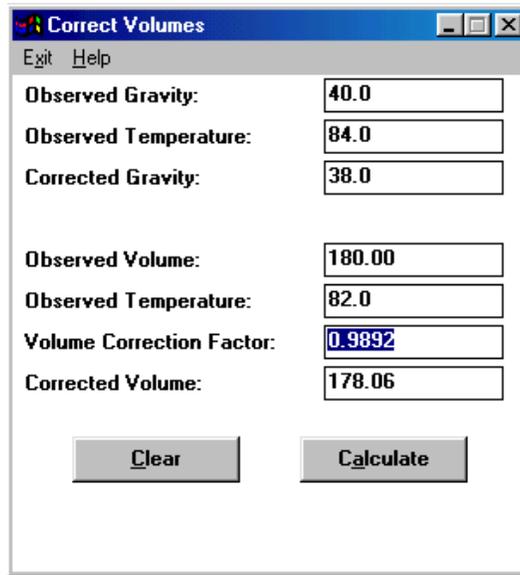
Correct Volumes		
Exit Help		
Observed Gravity:	40.0	
Observed Temperature:	84.0	
Corrected Gravity:	38.0	
Observed Volume:	180.00	
Observed Temperature:	82.0	
Volume Correction Factor:	0.9892	
Corrected Volume:	178.06	
[Clear]		[Calculate]

Displays corrected gravity & volume.

Correct Volumes© corrects observed API gravity of crude oils at an observed temperature to API gravity at 60º F. It then corrects an observed volume at an observed temperature to a corrected volume based upon the previously calculated API gravity at 60º F.

HOW TO USE

Entering Data
1. Enter the Observed Gravity. Press the TAB key.
2. Enter the Observed Temperature in ºF. Press the TAB key.
3. The Corrected Gravity was automatically calculated when you TABBED out of the Observed Temperature data input field. Press the TAB key.
4. Enter the oil volume to be corrected. Press the TAB key.
5. Enter the Observed Temperature of this volume in ºF. (This value defaults to the figure entered in Step 2). Press the TAB key.
6. The Volume Correction Factor and the Corrected Volume were automatically calculated when you TABBED out of the Observed Temperature data input field.

Clear - This button clears all of the data input fields.

Calculate - This button calculates the Corrected Gravity, Volume correction Factor, and Corrected Volume.

CALCULATED VALUES

Corrected Gravity and Volume Correction Factors calculated by this program are the same as values obtained from the Petroleum Measurement Tables 5A and 6A prepared jointly by ASTM, APL and IP. During the calculation of Corrected Gravity, the Observed Temperature is rounded to the nearest 0.5 ºF. During the calculation of Volume Correction Factors, the Observed Temperature is rounded to the nearest 0.5 ºF and the Corrected Gravity is rounded to the nearest 0.5ºAPI. These rounded figures are used internally and are not displayed in the data input fields. Corrected Volume is calculated by multiplying the Observed Volume by the Volume Correction Factor. Calculations are valid on data within the following ranges:

Temperatures:	0ºF - 149.5ºF
Observed Gravity:	10ºAPI - 74.5ºAPI

TECHNICAL SUPPORT

Contact Technical Support if you have specific questions regarding the use of this product. You can reach technical support by dialing (512)329-5516 Monday - Friday 9:00 AM to 4:00 PM CST.