

## In-Class Exercise: A Simple Tank Model

Create a VI similar to the one shown below. A knob control is used to enter a fictitious tank volume in gallons, which is then displayed on the “tank” indicator, and also converted to liters for display on the numeric indicator (you will need to find the proper conversion factor). Pay attention to the following specific traits:

- Set the range of the knob control to maximize at 19 gallons.
- Set the range of the tank indicator to maximize at 22 gallons.
- Set the fill color of the tank indicator to anything other than the default blue color.
- Set the precision of the numeric indicator to always display two decimal digits.
- Use proper labels and units for the control and indicators as shown.

