

- 14 An object is falling at a constant speed through a viscous liquid.  $F_U$  is the upthrust on the object due to the liquid.  $W_L$  is the weight of the liquid displaced by the object.  $W_O$  is the weight of the object.

Which equation **must** be correct?

- A  $F_U = W_L$
- B  $F_U = W_O - W_L$
- C  $F_U = W_O$
- D  $F_U = W_O + W_L$