

- 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** $F_U = W_O + W_L$