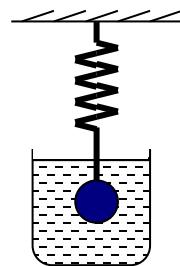


- 15 A mass oscillates vertically in water as shown. The support vibrates with a driving frequency which can be varied. Another similar setup is used replacing water with oil.



Given that oil has higher viscosity than water, which graph best represents the way in which the amplitudes of both cases vary with driving frequency?

